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Volume 130 AUGUST 24, 1936 Number 8

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Customs Bureau Issues Oil Import Tax Rules

Procedure Defined in Assessing And Paying 1936 Imposts —Special Glycerin Rule

WASHINGTON, Aug. 17, 1936.

Regulations for the administrative application of sections 701, 703, and 704 of the revenue act of 1936 have been issued by the Bureau of Customs as T.D. 48469. These sections of the revenue act become effective August 21.

The regulations are informative for Collectors of Customs and others concerned in respect of the procedure in levying, assisting, and collecting of the new taxes. They also explain how these taxes are to be paid and are generally informative in respect of the application of the levies to import entries and withdrawals from warehouse.

A special rule explains the exemption of glycerin and stearin pitch from section 402 of the revenue act of 1935, and provides for refunds without protest where liquidation entries have been made and have included the tax.

The text of the regulations is as follows:—

(1) The new import taxes imposed by section 601 (c) (8) of the revenue act of 1932, as amended by section 602 of the revenue act of 1934 (U. S. C. title 26, sec. 999a) and section 701 of the revenue act of 1936 above quoted, apply to articles entered for consumption or withdrawn from warehouse for consumption on or after August 21, 1936, except that no tax should be collected under the said section on articles which arrived prior to May 11, 1934, within the limits of a port of entry with intent there to unlade. (See article 280, Customs Regulations of 1931.) Section 402 of the revenue act of 1936 (U. S. C. title 26, sec. 999b), is repealed, effective August 21, 1936, but the taxes provided for in such section 402 are due and payable on articles entered for consumption or withdrawn from warehouse for consumption prior to that date, except as provided in paragraph (7) of these regulations with respect to glycerin and stearin pitch.

Period of Application

(2) Inasmuch as the second sentence of section 601 (c) (8), as amended, provides that the tax on articles described therein shall not be subject to the provisions of section 629 of the revenue act of 1932, 47 Stat. 270 (relating to the expiration of taxes), the said taxes will remain in force until revoked or modified. These taxes will be subject to the provisions of section 1111 (a) (10) of the revenue act of 1932 (U. S. C. title 26, sec. 1696 [9], which defines the terms, "United States." (See T. D. 45751.)

Administrative Procedure

(3) The taxes imposed by section 601 (c) (8), as amended, shall be levied, assessed, collected, and paid in accordance with the Customs Regulations of 1931 as heretofore or hereafter amended, insofar as they are applicable, and shall be scheduled, deposited, reported, and accounted for as, and with other collections of duties on imports, in the same manner as duties imposed by the tariff act of 1930, as amended (U. S. C. title 19, sec. 1001).

Drawbacks and Preferences

(4) The provisions of section 601 (b) (1) and (2) of the revenue act of 1932, 47 Stat. 259, and of the first clause of section 601 (b) (5) of that act will remain in force insofar as they may affect the collection of the taxes provided for in section 601 (c) (8), as amended. The taxes collected under this section will be subject to drawback under the same conditions as duties paid under the tariff act of 1930. Such taxes are subject to the preference provided for Cuban products in article III of the Cuban trade agreement of August 24, 1934 (49 Stat. part 2, executive agreements, p. 19, T. D. 47232), and shall not be imposed in contravention of any obligation undertaken in any trade agreement entered into prior to June 22, 1936, under the authority of section 350 of the tariff act of 1930, as amended by the act of June 12, 1934 (U. S. C. title 19, sec. 1351).

American Fishery Products

(5) The taxes provided for in section 601 (c) (8), as amended, do not apply to products of American fisheries entitled to free entry under paragraph 1730 (a) of the tariff act of 1930 (U. S. C. title 19, sec. 1201), but they may be applicable to articles made from products of American fisheries which have been landed in a foreign country and there changed in condition beyond the limits allowable under paragraph 1730 (a) of the tariff act

Compensatory Taxes

(6) In the case of any article, merchandise or combination subject to a tax under section 601 (c) (8), as amended, not less than 10 percent of the quantity by weight of which consists of or is derived directly or indirectly from one or more of the products (except seeds) specified in the said section or in section 62½ of the revenue act of 1934 (U. S. C. title 26, sec. 999), as amended by section 702 of the revenue act of 1936, the appraising officer shall indicate in his return on the invoice the percentage of the total net weight of the imported article which consists of or is derived directly or indirectly from each of

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Alcohol Denaturants Test System Changed by U.S.

Beginning September 1, the Washington laboratory of the Bureau of Internal Revenue will no longer examine samples of pontol K, hydronol and agdite, which represent shipments of these materials consigned to denaturing plants for use as denaturants in completely denatured alcohol formulas 11, 12 and 13.

Government officers in charge at denaturing plants in the various districts have been notified that, after September 1, samples of these denaturants will be submitted to an authorized chemist for examination in accordance with the provisions of article 109 of regulations No. 3. Standard samples and the specifications of these denaturants have been furnished the authorized chemists so they are prepared to perform this work.

Patman Changes in Clayton Act Shown

WASHINGTON, Aug. 20, 1936.

A statement of the changes made in the Clayton antitrust act by the Robinson-Patman law was issued by the Federal Trade Commission today in the form of an excerpt from its forthcoming annual report.

The comment does not throw any particular light on the way the commission may interpret the new law in specific cases, but in parallel columns it lists the provisions of the old law and the changes made by the new, and describes the principal provisions in nonlegal language.

The commission has not yet issued any formal complaints under the Patman law, but is understood to be investigating about a dozen charges of violations reported from various trades.

Meanwhile, the commission's staff continues to hold informal conferences with attorneys and business men regarding application of the law. Though nothing conclusive results from these conferences, they are of value in giving the commission information on selling practices in various industries and in giving business men an idea of how the commission's staff is thinking in respect to the many problems raised by the new law.

Alcohol Formulas May Be Dropped

WASHINGTON, Aug. 20.

A survey of the uses of specially denatured alcohol with the view of reducing the number of formulas is being made by the district alcohol supervisors of the Treasury Department.

Supervisory officials have discovered that many of the existing S. D. formulas are used comparatively little, and it is their hope that the survey will point the way to a reduction in the number of formulas. The survey probably will be completed early in September.

Distribution Control Attacked by F.T.C.

WASHINGTON, Aug. 20, 1936.

Control of distribution, alleged to be concerted and coercive, is the basis of a complaint issued by the Federal Trade Commission against six California lumber dealers' organizations and their members.

The complaint charges that the respondents have entered into an agreement directed to the expansion of the volume of their business and to the increasing of their profits. To effectuate these purposes the respondents are alleged to have engaged in a variety of practices, including the following:—

Compelling manufacturers and producers to refrain from selling lumber or building materials to so-called "illegitimate" dealers who are not members of the respondent organizations and associations, and to force such "illegitimate" dealers to purchase their requirements exclusively from or through the respondent members on terms of sale which will accord a profit to such respondents.

Inducing manufacturers and producers to discontinue selling to "illegitimate" dealers and to limit their sales to the respondents.

Denying membership in the organizations to any persons, partnerships, or corporations engaging in business in communities served by the respondent dealers, and attempting to drive such concerns out of business.

Denying membership in the organizations to dealers who refuse to abide by the respondents' program.

Fixing schedules of uniform prices, the prices thus established being enhanced beyond those that would prevail under normal competition and in the absence of price agreements.

For the purpose of making their program effective, the respondents, the complaint charges, exact promises from members of the respondent organizations and from manufacturers and producers that they will adhere to the program; use coercive action and threats of boycott to require manufacturers and dealers to support the program; inform manufacturers and producers of the respondents' determination to insist that they distribute their products exclusively through the medium of the respondents, and deny or revoke membership in the respondent

(Continued on page 31)

Babassu Imports Protested by Dairy Interests

WASHINGTON, Aug. 20, 1936.

Domestic dairy interests have filed a protest to the Department of State against duty-free imports of babassu nuts and oil and have asked that steps be taken to rescind as soon as possible the provision in the Brazilian trade agreement guaranteeing these products against import duties and domestic excise taxes.

The protest was filed by the National Dairy Union and the National Co-operative Milk Producers Federation.

The commercial development of the babassu industry is quite new and appears to be increasing, and babassu oil is being used rather extensively in the margarin and soap industries, where it chiefly displaces coconut oil. Consumption in the margarin industry in the first six months of this year amounted to 9,584,000 pounds. The chief concern of the dairy interests is that babassu oil will tend to bring down the prices of all other vegetable and animal oils if it continues to be free of taxes and duties.

The dairy interests have asked the Department of State to make it clear to South American countries at the forthcoming Buenos Aires conference that domestic producers are opposed to further duty free imports of babassu or other tropical oils.

W P A to Aid Tung Industry

Funds Allotted for Work On Growing Problems In Mississippi

Test Laboratory Planned

Studies to Cover Suitability of Soils, Climatic Effects, and Sporadic Barrenness

Soil selection, method of cultivation, and general care for development of tung tree growing and the tung oil industry in the United States, especially in southern Mississippi, will be aided by an allocation of $10,685.42 by the Works Progress Administration for Mississippi.

This sum was set aside for construction of an experimental laboratory at McNeil, in which research activities will be conducted to determine the best means with which to further the growing of tung trees in the coast counties of Mississippi. That State has more than half of the United States 50,000 acres in tung trees.

Peculiarities have developed in the growth of this important tree, and it has been found necessary to conduct experiments to determine what causes them. To this end, planters and owners of cut-over lands in Mississippi have volunteered large acreage tracts for experimental purposes. It is the intention of the extension department of Mississippi to plant tung trees in the various types of soil found, under varying conditions, experimenting in the use of different fertilizers, methods of cultivation and other aspects of the problem.

Wornout Land Unfit

Past experiments indicate that the trees may be grown in any soil found in the gulf coastal regions that is well drained, moist, slightly acid, and without excessive phosphate or lime. Wornout lands, however, have been found unfit for their growth. Florida planters have planted orchards in barren land by the use of compost, secured from drained lakes and bayous. In this planting, the trees were placed in compost-filled holes, moistened, and culti-

(Continued on page 40)

Windfall Tax Rules Issued by I.R. Bureau

WASHINGTON, Aug. 17, 1936.

Regulations in respect of the computation and payment of the so-called "windfall" tax of the revenue act of 1936 have been issued by the Bureau of Internal Revenue. They are a voluminous set and highly technical.

The "windfall" tax is designated in the revenue act as a "tax on unjust enrichment." It is designed to obtain or regain for the Federal government a substantial portion of the AAA processing taxes which were invalidated by the supreme court. It is defined in the regulations as an extraordinary tax applying to net incomes from certain sources, classified generally as follows:—

Sales of articles or services on which a Federal excise tax was imposed but not paid.

Reimbursement to the taxpayer from his vendors of amounts of Federal excise taxes which were included in prices which the taxpayer originally paid the vendors.

Refunds of credits from the use of amounts of Federal excise taxes erroneously or illegally collected from the taxpayer.

The "windfall" tax rate is 80 percent. The levy applies to taxable years from that ended in 1935. Extension of the time for payment may be granted upon the showing that a substantial financial loss would result from payment when due.

Closing Market Developments

Fish Products Rise

Unground Chesapeake menhaden scrap sold at $3.25 and 10c. per unit-ton, f.o.b. factory, basis when-and-if-made. This is 25c. higher than the previous sale. Japanese sardine meal for shipment sold at $41.50 per ton, c.i.f., an advance of 50c. per ton. The market is now quoted at $41.50 to $42.00 with little offered and it is difficult to obtain cargo space from the Far East.

Antimony Metal Higher

Prices for antimony metal were fractionally higher at the close of the week, with the price for the domestic material listed at 11c. per pound and the imported product was 12½c. per pound, c.i.f., duty paid.

Chinawood Oil Firmer

Chinawood oil was firmer late in the week, domestic prices rising on Friday owing to a recovery at Hankow of about 1c. per pound. Local quotations on tank-cars on Friday ranged from 15c. to 15.2c. per pound.

Spanish Articles Strong

All botanical drugs and essential oils from Spain were in strong position late last week. To a substantial degree, prices on such materials were nominal. Importers and dealers have been unable to establish buying contact with the Spanish merchants supplying such materials and it has become highly uncertain that shipments could be made in the reasonably nearby future even though orders should be placed—and the latter was almost impossible at the close of last week. Special notice was taken of ergot. Local importers viewed with some concern the extension of revolutionary conditions into Portugal, which country, as well as Spain, Russia, and Poland supply ergot to this country. The only prices received from abroad of late have come from Portugal and should revolution shut off that country, the supply of ergot would be substantially reduced.

Trade News Briefs

Soap importation has been restricted by Colombia, and common soap which may be made domestically of native materials may not be imported.

Drugs and medicines were imported by Canada to the total value of $2,968,000 during the year ended March 31, 1936. The United States supplied about 70 percent of the goods.

Pharmaceutical specialties may not be sold in Colombia except under license by the national bureau of hygiene. They must bear visibly the wholesale and retail prices at which they are sold.

Bradford Supply Company, Bradford, Pa., has purchased the holdings of the Security Oil Corporation, in the Lima, Ohio, field. The consideration involves taking over 1,347 producing wells and 15,000 acres of leaseholds.

Printing ink imports into Egypt increased from 149,279 kilos in 1934 to 203,632 kilos in 1935. Germany and the United Kingdom are the chief sources of supply, the share of the United States being negligible.

Soap manufacturers in the Dominican Republic are listed in a directory prepared by the Bureau of Foreign and Domestic Commerce. Particulars can be got from the Chemical Division of the bureau in Washington.

A. A. Wasserscheid, vice-president of the Mallinckrodt Chemical Works in charge of Eastern sales, with headquarters in this city, has returned from his vacation. Accompanied by Mrs. Wasserscheid, he visited various points along the Pacific coast, going as far north as Alaska.

Arthur C. Trask Company, Chicago, has been appointed sales agent for the Allied Industrial Alcohol Corporation, this city. Stocks will be carried in Chicago. William J. Mitchell, with over twenty-five years experience in the alcohol business, will handle the division for the Trask company.

Herman U. Sartorius, treasurer of the laboratories of Reed & Carnrick, Jersey City, has recently returned from a countrywide airplane tour, calling upon representatives of his organization in Chicago, Minneapolis, Denver, Seattle, Portland, San Francisco, and Los Angeles. While on the Coast he availed himself of the opportunity of spending some time at the grove of the Bohemian Club of San Francisco in the redwoods section.

Chemical Price Trend Turns Up

Price advances, affecting a variety of lines, were the feature of the markets for heavy and fine chemicals last week. Movements in the other direction were relatively few. An upward revision of the car lots' schedule for alcohols was noteworthy. Business as a whole showed some improvement, activities in several consuming industries increasing contraseasonally. Inquiries indicated that industrial activity generally would increase after Labor Day. The coaltar products market had quieted, but there was a good demand for phenol and cresylic acid from makers of synthetic resins.

Prices were advanced on ethyl and specially denatured alcohols (drums in car lots), quicksilver, menthol, tricresyl phosphate, domestic casein, corn syrup, hide glues, cocoa butter, domestic and imported dried blood, bones and bone meal, domestic castor pomace, hoof meal, Japanese sardine meal, and imported nitrogenous fertilizer material, and on fish meal at Baltimore. Lower prices were quoted on cream of tartar, domestic antimony metal, cyanide of copper, cyanide of zinc, and certain Congo copals.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 125.2 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100) the REPORTER's index number is now 88.6, against 89.0 at this time last year.

Davis Oil Corporation, Olean, N. Y., has taken title to 323 acres of producing lands in the Song Bird tract near that city. The purchase includes 98 producing wells which will be five spotted and additional drilling undertaken.

Aluminum Company of America is re-equipping a second unit at Niagara Falls, N. Y., with new machinery and expects to have it in operation in September. When completed the entire local plant will be in operation for the first time since 1931.

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Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Benzine.—Italy has reduced the sales tax on benzol, pure or refined, from 100 lire to 85 lire per 100 kilos.

Caustic Potash:—Sweden has increased the import duty on solid caustic potash.

Crude Petroleum:—Italy has reduced the sales tax on crude petroleum, other than for use for fuel or for refining, from 185 lire to 120 lire per 100 kilos.

Diatomaceous Earth:—United Kingdom import duties advisory committee has received application for the addition to the free list of diatomaceous earth, other than raw diatomaceous earth as quarried.

Edible Fats:—Netherlands has increased the crisis taxes on imported edible fats and oils.

Gasoline:—Italy has reduced the sales tax on gasoline from 361 lire to 240 lire per 100 kilos.

Gasoline:—Martinique has increased the import duty on gasoline of foreign (non-French) origin from 31.20 francs to 41.60 francs per 100 liters.

Gluten Glue:—Sweden has increased the import duty on gluten glue.

Inedible Oils:—Cuba now requires that oils and fats, in order to be eligible for classification under tariff items which grant relatively lower rates to certain oils and fats for industrial purposes, must be denatured before importation, and the formulas used for denaturing must be verified by chemical analysis before being cleared through the Cuban customs.

Margarin:—Sweden has continued in effect until September 30 the temporary import duty of 0.35 crown per kilo on margarin.

Pharmaceutical Specialties: — Costa Rica now requires that applications for registering and licensing imported pharmaceutical specialties and patent medicines must be accompanied by an authenticated certificate, legalized by the Costa Rican consul, showing that the preparations are permitted unrestricted sale in the country of origin.

Pharmaceutical Specialties:—Peru has created a technical council of applied chemistry and pharmacy with authority to supervise and control the importation, quality, therapeutic value, labeling and registering, and to fix the sales prices, of foreign pharmaceutical specialties and medicinal products.

White and Transformer Oils:—Italy has reduced the sales tax on white and transformer oils from 190 lire to 125 lire per 100 kilos.

U.S. Revenue: July

Collection of excise taxes by the Bureau of Internal Revenue, Washington, for July, 1936, compared with July, 1935, as follows:—

Taxes Collected

	July 1936.	July 1935.
Distilled spirits, domestic, excise tax, $2 per gallon	$17,134,406.79	$12,049,265.78
Distilled spirits, imported, excise tax, $2 per gallon	1,815,042.17	873,093.90
Distilled spirits, rectification tax, 30c. per gallon	647,776.00	381,192.69
Gasoline	14,512,178.75	12,013,536.52
Lubricating oils	2,311,106.39	1,579,603.74
Matches	436,987.17	349,390.20
Narcotics, including special taxes	145,258.42	151,468.18
Oleomargarin, excise taxes	71,502.52	46,416.50
Oleomargarin, special taxes	676,156.63	618,016.57
Toilet preparations, etc.—		
At 5 percent	486,955.02	420,067.39
At 10 percent	589,483.35	784,065.52
Transportation of oil by pipeline	866,406.75	691,399.65
Total income and miscellaneous internal revenue	$288,326,539.11	$221,597,633.00

Quantities Taxed

	July 1936.	July 1935.
Distilled spirits, domestics, tax gallons	8,567,203	6,022,054
Distilled spirits, imported, tax gallons	907,521	436,547
Distilled spirits, rectified, proof gallons	2,159,253	1,270,642
Oleomargarin, colored, pounds	45,560	18,480
Oleomargarin, uncolored, pounds	26,750,600	17,827,400

Quicksilver Production In 1935 Rose 12 Percent

Quicksilver production in the United States in 1935 totaled 17,518 flasks with a calculated value of $1,261,121, compared with 15,445 flasks with a calculated value of $1,140,845 in the previous year, according to a statistical report of the United States bureau of Mines. Increased domestic production was accompanied by a decline in imports of metal and consumption was at virtually the 1934 rate. The quoted price for quicksilver was slightly lower in 1935, although the average recorded for December closely approximated the highest monthly quotations for 1934.

The output of quicksilver by states in 1935 was:—

	1935 Flasks	1934 Flasks
Arkansas	304	488
California	9,271	7,808
Nevada	190	300
Oregon	3,456	3,460
Washington	106	330
Texas and Arizona	4,191	3,059
Totals	17,518	15,445

The principal producing properties in 1935 were:—In Arkansas, the Parker Property, Pike county; in California, Sulphur Bank, Great Western, Mirabel, and Helen mines, Lake county; Aetna, Oat Hill, and Oat Hill Extension mines, Napa county; New Idrie mine (dumps), San Benito county; Oceanic and Klau mines, San Luis, Obispo county; Los Prietos and Red Rock mines, Santa Barbara county; and Altoona mine, Trinity county; in Oregon the Horseheaven mine, Jefferson county; Blackbutte mine, Lane county; and Bretz mine, Malheur county; and in Texas, the Chisos, Rainbow, and Waldron properties, Brewster county. These properties accounted for 92 percent of the country's total output.

Imports of quicksilver in 1935, according to the Bureau of Foreign and Domestic Commerce, totaled 7,815 flasks, compared with 10,192 flasks in 1934. Of the total imports for the year, Spain supplied 6,856 flasks, Italy 904 flasks, and Mexico 55 flasks. In 1934 Spain was credited with 7,053 flasks, Mexico 2,480 flasks, Italy 649 flasks, and Sweden 10 flasks.

As Italy and Spain are the largest quicksilver producing countries in the world, the war between Italy and Ethiopia, economic sanctions against Italy and internal strife in Spain, raised the question of possible difficulty in obtaining supplies of quicksilver and increased the demand for the metal in the last quarter of 1935, when 60 percent of the total imports for the year entered.

Fertilizer Control Is Established by Japan

Japan has established by law an elaborate system for the control of production, imports, exports, and domestic sales of fertilizers and fertilizer materials. Articles to be subjected to control will be designated by special order; but, according to information received by the Department of Commerce, the main object is the control of sulphate of ammonia, calcium cyanamide, and superphosphate, these articles constituting more than 80 percent of domestic demand.

The major provision of the control system is that for the establishments of associations of fertilizer manufacturers, with the permission of the government, or, if necessary, under governmental order. These associations are to function juridically and without profit. Their function will be to determine the total volume of fertilizers to be manufactured, to allot production among their members, to fix selling prices, and to decide other matters in respect of production and sale as may be necessary.

Agreements reached by the association must be reported to the government before they are put into effect, and the consent of the government must be obtained for their enforcement. The government has authority to modify such agreements wholly or in part and to cancel them if necessary in the public interest.

Specific authority has been given to the government to compel members to submit to the control of the association. The government is also empowered to restrict exports or imports of fertilizers for a specified period if considered necessary in the public interest.

Petroleum Men Advised To Follow B.M. Forecasts

Suggestion that Mid-Continent petroleum refiners pay closer attention to the monthly forecasts and recommendations of the Bureau of Mines, in order to gain a more satisfactory statistical position, was presented to the members of the Western Petroleum Refiners Association, at a meeting in Tulsa, Okla., August 18.

It was pointed out, by John C. Day, statistician of the association, that a statistical survey of inventories, production and demand for the first six months this year revealed that in the Oklahoma-Kansas-Missouri district gasoline production has exceeded the Bureau of Mines recommendations by 2,229,000 barrels, or 7.6 percent; in the Mid-Continent area production has exceeded the forecast by 3,060,000 barrels or 6.7 percent. To reach a satisfactory inventory position on December 31, statistics indicated that gasoline production in the O-K-M district for the remaining months of this year should be:—August, 5,727,000 barrels; September, 5,481,000 barrels; October, 5,510,000 barrels; November, 5,424,000 barrels, and December, 5,179,000 barrels.

Ralph Horween, attorney for the association, gave a resume of the Robinson-Patman act as it applies to the petroleum industry.

Lautaro Nitrate Plan To Service Its Debts

The Lautaro Nitrate Company has completed a plan of reorganization by which it is expected the company will begin payment on interest and on the sinking fund, after a four year suspension, according to M. G. B. Whelpley, chairman. A meeting of the bondholders of the company has been ordered by the British courts for September 24 to pass upon the reorganization.

The plan was devised after consultation with committees representing holders of $31,357,000 first mortgage 6 percent convertible gold bonds, due 1954, listed in New York; £1,746,685 first mortgage sterling bonds listed in London, banker creditors and holders of the preferred and common stock.

Mr. Whelpley said the basic principle of the plan was to apply the company's entire current income from year to year to the service of its debt after providing moderate working capital and renewal reserves, with "some equitable provisions for future dividends on its new share capital." There was to be no reduction in the principal amount of the bonds outstanding and the mortgage liens were to remain undisturbed, but the existing dollar bonds were to be exchanged for new income bonds maturing December 31, 1975, and the sterling bonds were to be exchanged for new income bonds with the same maturity. Indebtedness to the banker creditors is to be reduced to £2,011,623 from £2,927,026.

Ilmenite mining concession is reported to be under negotiation between the government of Travancore State, India, and the Malabar Mining Company, Neyyattinkara. The location adjoins the land of the largest producer in Travancore, where three companies work deposits of monazite sand.

Fertilizer Formula Injunction Continued

The restraining order against the enforcement of the South Carolina law requiring disclosure of the formula of fertilizers has been continued pending final disposition of the protests of manufacturers. At the hearing on the order in Asheville, N. C., August 12 and 13, counsel were given until September 15 to file written briefs, and the court indicated that it would like to render a decision with reasonable promptness thereafter.

In the hearing, the protesting manufacturers offered testimony to show that compliance with the law would be impossible under customary plant and operating conditions; that the necessary readjustment of operations would be excessively costly; that it would be impossible to comply with the law in connection with manufactured goods on hand; that adequate analytical checks could not be applied; that enforcement would not be practicable; that the compulsory formula-disclosure would depreciate the value of trade secrets; that the law would accomplish no purpose in the interest of agriculture.

Witneses for the State denied that manufacturers' formulas are secrets and contended that it is important that farmers know the composition of a fertilizer in order that they may select plant foods suited to their crops.

The court expressed reluctance to interfere with a State law, and said that the wisdom of the statute was a matter for the legislature to determine. It pointed out that the plaintiffs had the burden of proving beyond reasonable doubt that the law was unconstitutional.

Witneses for the manufacturers were Charles J. Brand and F. S. Lodge, of the National Fertilizer Association; J. Ross Hanahan, of the Planters Fertilizer & Phosphate Company; Myron S. Hazen, of the American Agricultural Chemical Company; J. R. McCarty, of the International Agricultural Corporation; H. C. Moore, of the Armour Fertilizer Works; W. T. Wright, of the Royster Guano Company. Testimony for the defendants was given by John W. Geraty, Yonges Island, S. C., and R. W. Hamilton, Clemson College.

British Whalers Take Steps To Restrict Northern Catches

Representatives of British whaling interests, in an effort to conserve the stocks of whales in northern waters, met recently with the Ministry of Agriculture and Fisheries, London, and formulated proposals for the voluntary restriction of whaling operations during the coming season. The proposals, subject to certain conditions, are expected to be agreed to immediately by the companies concerned and will then be submitted to the Norwegian whalers. If the latter agree to similar restrictions, effect will be given to the scheme in both countries by the issue of regulations. The movement is an attempt to bring into operation the recommendations of an international convention.

Ultramarine blue and other pigments are being made in Roumania by Timis, a new concern, with a factory in Timisoara.

Narcotics Output of World Decreasing

Dropped 15% Between 1930 and 1934—Consumption Has Similar Trend

WASHINGTON, Aug. 17, 1936.

The Department of State today released the text of a statement on world manufacture and consumption of narcotic drugs, presented by Steinig, of the Secretariat of the League of Nations, at the twenty-first session of the Opium Advisory Committee in Geneva, May 26.

Records of the manufacture of morphine, diacetylmorphine (heroin), and cocaine from 1930 to 1934 show that production of these drugs reached its lowest point in 1934. The quantities legitimately manufactured in 1934 compare with the output in 1930 as follows:—

	Kilos 1934.	Kilos 1930.
Morphine	26,778	38,634
Diacetylmorphine	4,088	1,110
Cocaine	5,838	3,472

The report questions the adequacy of the production of morphine in 1934 to legitimate needs. In that year, 21,600 kilos were used for conversion into other drugs; direct consumption accounted for 6,800 kilos; and about 500 kilos were used in the manufacture of certain preparations. This represents a total demand of 28,900 kilos, against production of 26,778 kilos. The deficiency is assumed to have been made up from reserves from previous years, stocks having been reduced from 10,100 kilos January 1, 1934, to 7,900 kilos at the end of the year. It was expected that production of morphine in 1935 would amount to about 30,000 kilos.

Manufacture of morphine in the countries recognized as leading producers decreased in 1934 as follows:—

	Kilos 1933.	Kilos 1934.
United States	7,015	5,983
Germany	6,285	4,983
France	4,482	3,022
Switzerland	1,595	805

On the other hand, the output in countries of secondary rank increased as follows:—

	Kilos 1933.	Kilos 1934.
Belgium	419	973
Czechoslovakia	367	460
Poland	174	456
Hungary	192	365
Sweden	72	141

Morphine production in Japan in 1934 amounted to 3,300 kilos, or 12.4 percent of the world total. Japanese production in 1933 is not given in the report. The marked decrease in production in the United States is attributed to curtailed synthesis of codeine, the 1934 output of which was less than the actual consumption.

The ranking of the countries manufacturing the major volumes of other narcotics in 1934 was as follows:—

	Kilos.	Percent of total.
Cocaine:—		
Japan	910	26.2
United States	856	24.7
United Kingdom	385	11.1
Codeine:—		
Germany	3,890	22.6
United States	3,731	21.6
France	3,124	18.1
Diacetylmorphine:—		
Japan	547	49.3
United Kingdom	102	9.2
Soviet Union	96	8.6
Dionine:—		
Germany	614	35.9
United States	236	13.8
Soviet Union	211	12.3

Exports of narcotics have had a trend similar to that of production. World exports in 1934 were the

(Continued on page 45)

Narcotics Smuggling Drive Started by Treasury Dept.

WASHINGTON, Aug. 17, 1936.

An increased drive against smuggling of narcotics has been launched by the Treasury Department with the transfer of 570 men from the Customs Border Patrol to the Customs Agency Service.

The transfer is permitted because of the decreased smuggling of liquor, now said to be only a minor problem. With greater emphasis on narcotics smuggling, the Treasury hopes to be able to deal this traffic as heavy a blow as it administered to rum runners.

It is understood that Treasury officials are still hoping to secure legislation to merge law enforcing activities into a Treasury agency service which would include the Secret Service, Coast Guard, Customs Bureau, Alcohol Tax Unit, and parts of the Narcotics Bureau and Internal Revenue Intelligence Service.

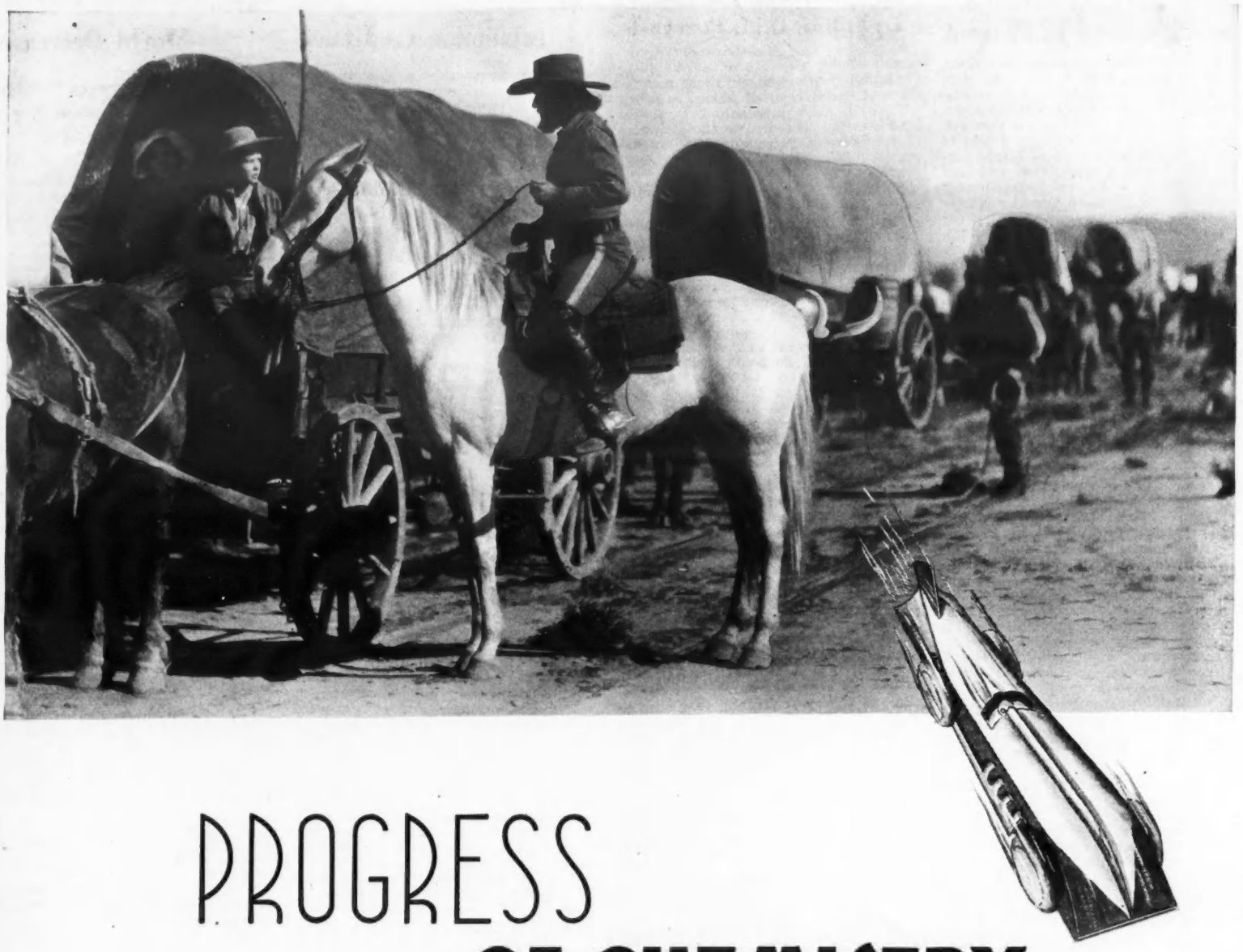
Flaxseed Crop Outlook at August 1

The Department of Agriculture estimate of August 1 of the 1936 flaxseed yield is 6,342,000 bushels. This compares with an estimate in July of 9,468,000 bushels and with a production last season of 14,123,000 bushels. The condition of the crop on August 1 this year was only 31.6 percent, against 71.8 percent in August last year. Continued dry weather in Minnesota, Montana and the Dakotas during July caused a further reduction in the acreage to be harvested as well as in the prospective yields on the remaining acreage. The late planted flaxseed, of which there was a large percentage in the main flaxseed areas, has been completely destroyed in the Dakotas and portions of Minnesota and Montana. The early seeded acreage was forced into maturity well ahead of the usual ripening period with the result that bolls were only partially filled and the seed was often very light in weight. Any rains occurring in August can be of little benefit to flaxseed.

Details of the August 1 estimate with respect to the several producing states follow:—

	Condition Aug. 1 (percent) Average 1923-32.	1935.	1936.	Production Average 1928-32.	1935.	Indicated 1936.
Michigan	..	..	68	38,000	99,000	86,000
Wisconsin	85	78	56	79,000	66,000	51,000
Minnesota	79	79	45	6,040,000	6,432,000	3,895,000
Iowa	85	84	70	178,000	171,000	128,000
Missouri	80	63	28	12,000	10,000	12,000
North Dakota	67	68	13	5,944,000	5,126,000	1,048,000
South Dakota	68	58	14	2,170,000	950,000	118,000
Nebraska	78	90	10	79,000	28,000	4,000
Kansas	*6.3	*6.0	*4.5	241,000	348,000	198,000
Montana	63	58	22	1,149,000	319,000	70,000
Wyoming	71	67	5	74,000	4,000	1,000
California	..	*15.0	*17.0	.....	570,000	731,000
United States	70.4	71.8	31.6	15,996,000	14,123,000	6,342,000

* Yield per acre.



PROGRESS OF CHEMISTRY

(NO. 7 OF A SERIES)

THE COVERED WAGON

MODERN wonders are the glistening, streamlined, air-conditioned trains — the giant, swift-moving, transcontinental "air-birds". Gone the clumsy "covered wagons", once the sole vehicle for long distance land travel. And gone too, the "family surrey" and "one hoss shay"—replaced by the automobile.

As civilization marches on to greater achievement, it looks to industry for transportation improvement, for greater and more economical production of conveniences and necessities.

Industry in its turn calls upon chemistry for materials and methods which will enable it to bring forth lighter and stronger metals, more and finer leathers and textiles; it asks for lubricants to further reduce the friction of high speeds. Practically every commodity worn or used by civilized man requires the aid of chemistry in its manufacture.

Mallinckrodt Chemical Works is proud of its almost three quarters of a century of active service as an ally of industry for the improvement of modern day living. Mallinckrodt numbers among its valued customers, many of the industrial organizations that have made modern transportation facilities possible.

A new Pharmaceutical-Industrial Price List has just been issued by Mallinckrodt. If you have not as yet received your copy, please advise us.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls.....lb. .26 - —
Acetin, tech., dms.....lb. .22 - .23
Acetoacetanilide, dms. .....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .08 - —
l.c.l., delvd.....lb. .08½- —
tanks, delvd.....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns.....lb. 1.25 - 2.25
Acetphenetidin, kegs.....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l. .....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. .....100 lbs. 2.95 - 3.20
50%, bbls. .....100 lbs. 4.60 - 4.85
cbys. .....100 lbs. 5.10 - 5.35
70%, bbls. .....100 lbs. 5.73 - 5.98
cbys. .....100 lbs. 6.23 - 6.48
80%, bbls. .....100 lbs. 6.53 - 6.78
cbys. .....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. .....100 lbs. 8.43 - 8.68
cbys .....100 lbs. 8.93 - 9.18
USP., dms. .....100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
pure, 30%, bbls.....100 lbs. 3.52 - 3.77
cbys. .....100 lbs. 3.92 - 4.17
30%, bbls. .....100 lbs. 3.95 - 4.20
cbys. .....100 lbs. 4.45 - 4.70
60%, bbls. .....100 lbs. 6.63 - 6.88
cbys. .....100 lbs. 7.13 - 7.38
90%, bbls. .....100 lbs. 8.33 - 8.58
cbys. .....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. .....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs.....lb. .59 - —
50 lbs. .....lb. .60 - —
25 lbs. .....lb. .61 - —
kegs, 100 lbs.....lb. .58 - —
Anthranilic, refd., bbls.....lb. .85 - .95
tech., bbls. .....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs.....lb. .40 - —
USP., kegs.....lb. .54 - .59
Battery, cbys.....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls.....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys.,works, lb. .25 - .30
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - —
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17 - .17½
Chicago, bbls.....lb. 2.10 - —
Chinawood oil, dms.....lb. .20 - .21
Chlorosulphonic, dms.....lb. .03½- .05
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .26 - —
kegs .....lb. .26½- —
gran., bbls.....lb. 26 - —
kegs .....lb. .26½- —
powds, bbls.....lb. .26½- —
anhyd., gran., dms.....lb. .29 - —
powd., dms.....lb. .29½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb .52 - .54
Coconut oil, white, dms.....lb. .09½- .10¼
Cottonseed oil, dms.....lb. .07½- .09
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis.....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis.....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis, gal. .83 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums.....gal. .79 - .94
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. .....lb. .12 - .13
imported, cbys.....lb. .11 - .12
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .65 - .68
USP. IX, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, 22%, dark, bbls.....lb. .04½- .05
light, refined, bbls.....lb. .06½- .07
44%, dark, bbls.....lb. .09¼- .10
light, refined, bbls.....lb. .11¼- .12
USP, X, 85%, cbys.....lb. .45 - .50
USP, VIII, 75%, cbys.....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks .....lb. .1230- —
extra white, dms.....lb. .11 - .11½
split, dms.....lb. .07¾- .08
refined, dms.....lb. .08½- .09
Laurent's, bbls.....lb. .46 - .47
Maleic, powd., dms.....lb. .29 - .40
anhydride, dms.....lb. .32 - .43
Malic, powd., kegs.....lb. .45 - .60
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit.....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls.....lb. .18 - .20
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic,. 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms.....lb. .10 - .12
240-280, dms.....lb. .11 - .14
sludges, dms.....lb. .06 - .10
Nevile & Winther's, bbls.....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys.....lb. .11½- .12½
7-lb. bots.....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls.....lb. .11½- .12¼
Palm oil, dms.....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls.....lb. .62 - —
Perilla oil, dms.....lb. .1110-.1150
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%; s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works .....lb. .22 - —
tech., cbys., works.....lb. .20 - —
dms., works .....lb. .16 - —
Pyrogallic, cryst., cns.....lb. 1.55 - 1.65
resubl, cns.....lb. 1.90 - 2.00
Rapeseed oil, dms.....lb. .12 - .13
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .40 - —
USP, bbls.....lb. .40 - .45
Sardine oil, dms.....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dms.....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .09½- .10½
single pressed, bgs., delvd.lb. .09 - .10
triple pressed, bgs., delvd.lb. .12¼- .13¼
saponif., double pressed, bgs., delvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13 - .14
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .18 - .19
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works.....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works.....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06¼- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. .....lb. .24½- —
Tobias, bbls.....lb. .70 - .72½
Trichloracetic, bots.....lb. 2.45 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .26 - .27
Aconitine, amorph., vis.....oz.17.00 - —
cryst., vis.....oz.30.00 - —
Adeps, lanae, anhyd., dms.....lb. .17½- .19
hyd., dms. .....lb. .16 - .18
Agar Agar, 1, bls.....lb. .72 - .73
2, bls.....lb. .65 - .66
3, bls.....lb. .55 - .56
Agaric, white, bls.....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs. .....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .78 - .80
Milk, grd., sks., c.l.....ton, No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd. .....lb. .157 - —
tanks, dlvd. .....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
Benzyl, bots. .....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.60 - —
tech., dms., works.....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms. .....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, dms., 350 lbs.....lb. .40 - —
Cinnamic, bots. .....lb. 3.40 - 3.50
Denatured, CD11, 12, 13, dms. c.l. dlvd. E..gal. .34 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., bbls., c.l., E. works..gal. .30 - —
l.c.l., E. works.....gal. .31 - .38
SD1, 190 pf., dms., c.l., E. works..gal. .29 - —
l.c.l., E. works.....gal. .30 - .37
tanks, E. works.....gal. .23 - —
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Special solvent, dms., c.l., E. works..gal. .30 - —
l.c.l., E. works.....gal. .32 - .37
tanks, E. works.....gal. .24 - —
Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Diacetone, pure, contract, dms., c.l., frt. alld.....lb. .18 - —
l.c.l., frt. alld.....lb. .18½- —
tech., contract, dms, c.l., frt. alld. .....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. .....gal. 4.14 - —
l.c.l. .....gal. 4.16 - 4.19
dms., c.l. .....gal. 4.13 - —
l.c.l. .....gal. 4.15 - 4.18
tanks .....gal. 4.07 - —
absolute, dms. .....gal. 4.54 - 6.06½
Grain alcohol 25c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest. .....lb. 1.25 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works .....lb. .32 - —
Isobutyl, refd . dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .06½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing .....gal. .55 - —
l.c.l., same terms....gal. .60 - 90
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms.....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld.....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. .....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - 80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs. .....lb. .22 - .23
Curacao, cs.....lb. .21 - .22
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.50 - 1.55
Alphanaphthol, bbls.....lb. .60 - .68
Alphanaphthylamine, bbls.....lb. .33 - .37
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works.....lb. .08 - .08½

Alumina Hydr.—Amyl Caproate

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met, N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —

Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.60 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho, ext. brilnt., dms. 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
stan[illegible] dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 bs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum powder, dry wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same bais..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum powder, dry, varnish, standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same baeis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 - 35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Aug. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton. 23.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton. 25.00 - —
Birmingham, Ala., ovens..ton. 25.00 - —
Northern ovens...ton. 23.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton. 24.00 - —

Ammonia sulphate, domestic, for Sept.-Nov. delivery is 50c. per ton additional; Dec.-June delivery is $1 per ton additional.

dbl. bgs., export, f.a.s. N.Y., ton. No prices
imports., bulk, c.i.f. Atlantic ports..ton. No prices
bgs., c.i.f. Atlantic ports.ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls. c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cms.....lb. 2.75 - —

You save money when lacquer is made with

BUTANOL *and* BUTYL ACETATE

Practical experience in scores of factories and finishing plants has built a convincing case for Butanol and Butyl Acetate. These ideal lacquer solvents are cutting costs for companies from coast to coast. But the best proof for you is use in your own factory. Regardless of the quality of lacquer required for any job, it can be made most economically and used most economically when formulated with Butanol and Butyl Acetate.

COMMERCIAL SOLVENTS CORPORATION
NEW YORK CENTRAL BLDG., NEW YORK, N. Y.
PLANTS:
TERRE HAUTE, IND.; PEORIA, ILL.; WESTWEGO, LA.; HARVEY, LA.; AGNEW, CALIF.
PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES

Products of Commercial Solvents Corporation, including Rossville Alcohols, are available in mixed carloads and in compartment tank cars, as well as in cans, drums, carloads, and tank cars.

Amyl, chloride, normal, dms., works..lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cans.....lb. .95 - 1.25
Amylene, dms, c.l.....lb. .102 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
Import, natural, bls.....lb. .55 - .70
twisted, bls.....lb. .60 - .75
Angostura bark, bls.....lb. .33 - .35
Aniiin oil, dms.....lb. .16½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .00 Nom.
Spanish, bgs.....lb. .11¾- .12¼
Star, bgs.....lb. .14 - .14½
Anisic aldehyde, bots.....lb.. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls. lb. .50 - .52
Antimony, butter (see Antimony chloride),
Chloride, solut., dom., cbys..lb. .13 - .17
Metal, dom.....lb. .11 - —
import, c.i.f., duty paid..lb. .12½- —
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .12¾- .13
l.c.l. .....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots .....lb. 2.10 - 2.15
Apomorphine, cns. .....oz.23.70 -23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls. .....lb. .18 - .20
triple, bbls. .....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vis..oz. 5.50 - 5.75
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .22 - .23
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .35 - .67
Asbestine (see Talc. N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.30.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.33.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton.32.00 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery .....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery..gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07½- —
Atropine alkaloid, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.95

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs. .....ton.56.50 -61.50
Chlorate, kgs. .....lb. .15½- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N. Y..ton.83.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide),
Hydroxide, bbls. .....lb. .05¼- .07½
Iodide, bots. .....lb. 4.40 - 4.45
Monoxide (see Oxide),
Nitrate, csks. .....lb. .08¼- —
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .13 - —

Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York .....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex. whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.30.30 - —
Southern off color, bulk, mines..ton.12.00 - —
93.75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex whse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .11 - .12
Bentonite, 1, 96% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, nitration, pure, dms, works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal, .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots....lb.13.00 - —
Hydrochloride, bots. .....lb.13.00 - —
Sulphate, bots. .....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs. .....lb. 3.15 - 3.20
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.93
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 2.00 - 2.05
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .06¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. .....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)...lb. .0499 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico) .....lb. .0530 - —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones.....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full. compsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.

Black, charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bots.....lb. .80 - .35
Lamp, dom., 1, cns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c., f.o.b. N. Y. ....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 68%%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.75 - 4.00
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 3.75 - —
import, bgs., c.i.f., ports, Aug. shipt..unit-ton. 3.50 - —
soluble (see Aloumen, blood)
Bloodroot, bls .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .19 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue Vitriol (see cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .086
Blueflag root, bls.....lb. .16 - .18
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.22.00 -25.00
c.i.f. Atlantic ports..ton.28.00 - —
S.A., bgs., c.i.f. ports..ton.27.50 -28.00
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs. f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.23.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .20 - .21

Amyl Chlor.—Calamus

Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.36.00 - —
c.l., dlvd.....ton.00.00 - —
l.c.l., ex whse.....ton.05.00 -60.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.60.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18½
West .....lb. .09½- .11½
jobbers, East.....lb. .08¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 90 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s., c.l., works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07¼- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works.lb. .02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .00 - .10
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

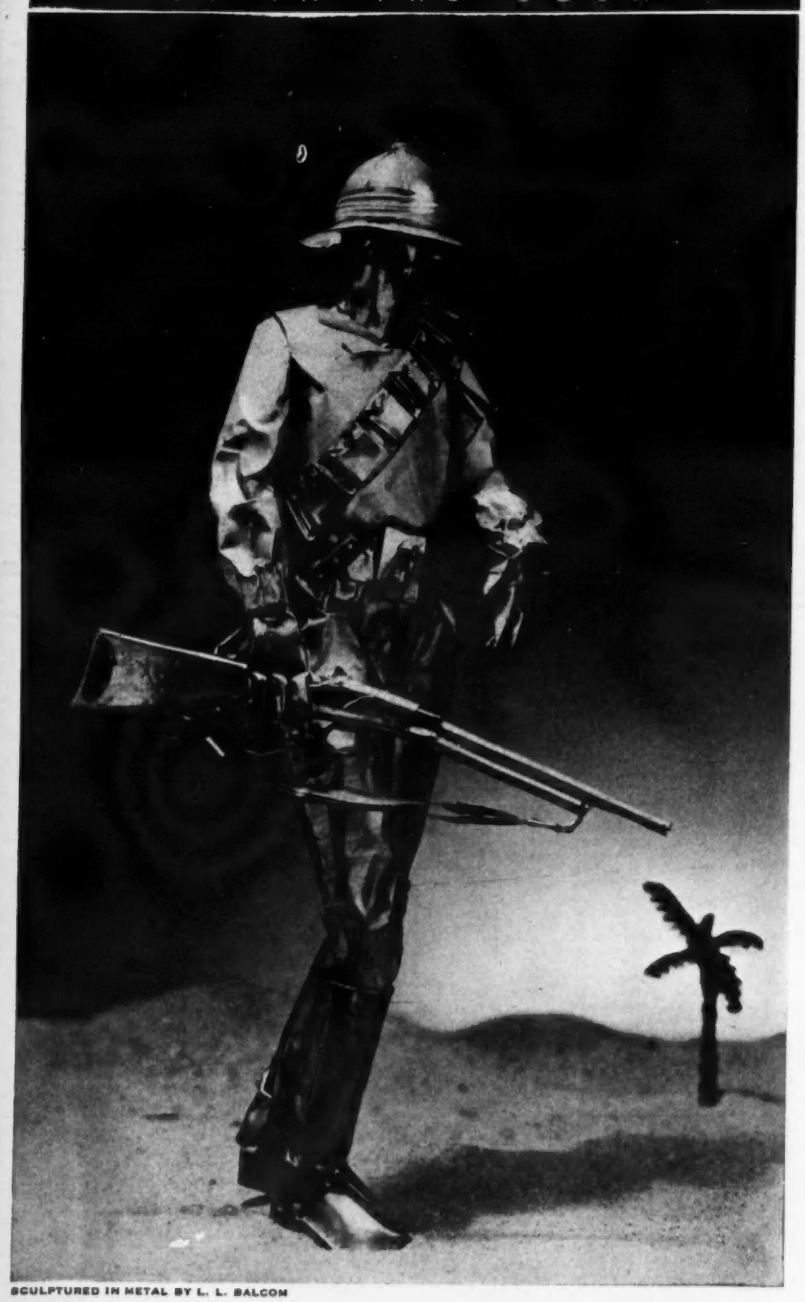
C

Cadmium bromide, bots., jars.lb. 1.54 - 1.59
Iodide, bots, jars.....lb. 3.75 - 3.80
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Sulphide (see Yellow).
Caffeine, cns., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .40 - .42

Calcium Acetate—Chr. Yellow

Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06½- —
dealers, E. of Rockies..lb. .06¼- —
South .....lb. .06¼- —
jobbers, E. of Rockies.lb. .08 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07½- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .08¾- —
South .....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs., dms., c.l., dlvd. ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.26.10 - —
Palmitate, bbls.....lb. .21 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .62 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .60 - .65
Calomel, bxs., kgs.....lb. 1.08 - —
Camphor, natural, powd., cs..lb. .53½- .54½
slabs, cs. .....lb. .53½- .54½
tablets, tins .....lb. .57½- .58½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .48¼- —
500 lbs. .....lb. .50¼- —
100 lbs. .....lb. .51¼- —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs. .....lb. .56 - —
100 lbs. .....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¾- .07
Morocco, bgs.....lb. .07 - .07½
Turkish, bgs.....lb. .07 - .07½
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .15 - .16
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .08½- .09
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .80 - —
95-99%, dms.....lb. .93 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .53 - —
l.c.l., works.....lb. .54 - —
tanks, works.....lb. .53 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .06¼- .06½
tanks .....lb. .04½- —
Dioxide, cyls.....lb. .06 - .80
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06¼- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06¼- —
Carbon, tetrachloride, tanks, same basis..lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. 1.15 - 1.25
green, bgs.....lb. .92 - .95
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms, l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .17½- —
5 tons, works.....lb. .17¾- —
smaller lots, works.....lb. .18¾- —
80-100 mesh, bgs, c.l., dlvd..lb. .18 - —
5 tons, works.....lb. .18¼- —
smaller lots, works.....lb. .19¼- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 80 mesh, bgs., c.l., duty pd..lb. .18 - .18½
Cassia, Batavia, 1, bgs.....lb. .14 - .14½
3, bls.....lb. .07¾- .08¼
short stick, bls.....lb. .12 - .13
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra, bls.....lb. .03¾- .04
Saigon, cs.....lb. .17½- .18
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .15 Nom.
Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls. .....lb. .22 - .23
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.17.00 - —
Import, bgs., c.i.f., ports, shipment..ton. No prices
Catnep leaves, bls.....lb. .16 - .19
Celery seed, French, bgs.....lb. .19½- .20
Indian, bgs .....lb. .13¼- .13¾
Celluloid scrap, amber, cs....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works. lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs, works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .13 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y..bbl. 6.10 - —
truck dlvy.....bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works.lb. .35 - —
Oxalate, USP, bbls., works..lb. .32 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .23 - .24
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.28.80 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l., works..... ....ton.18.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 300 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -13.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -24.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .32 - .33
500 lbs.....lb. .36 - .36
100 lbs.....lb. .38 - .37
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.00
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.50 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone, tins, works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comL., cyls., works. lb. .80 - .90
Chrome acetate, bbls.....lb. .05 - .60
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)

FIRST IN THE COUNTRY



SCULPTURED IN METAL BY L. L. BALCOM

"DR. LIVINGSTONE, I PRESUME" . . .

. . . is a phrase that will last forever in the hearts of all who worship courage, fortitude and the spirit of adventure. For it is the phrase that climaxed Stanley's great expedition into the Dark Continent in search of the lost explorer and missionary. A similar expedition into a dark continent of American industry was made in 1909 by EBG engineers when they produced Liquid Chlorine for the first time in the U. S. A. Since then EBG has shown again and again this pioneering spirit—by being first to adapt the use of Liquid Chlorine to textile bleaching, paper bleaching, shellac bleaching—and most important of all to the health and well being of the nation—to the purification of water supplies and the treatment of sewage.

ELECTRO BLEACHING GAS COMPANY, MAIN OFFICE: 9 EAST 41st STREET, NEW YORK, N. Y. • PLANT: NIAGARA FALLS, N. Y.

EBG Liquid Chlorine

Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, Dutch, chips, bgs.
lb. .17 - .18
high test, bgs.....lb. .35 - .45
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., cns.os. .80 - .87
Sulphate, cns.....os. .47 - —
Cinchonine, cryst., powd., cns.os. .50 - .58
Sulphate, cns.....os. .54 - —
Cincophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2 bls.....lb. .16¾- .17¼
3, bls.....lb. .15¾- .16¼
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes.lb. .67 - —
Citronellal, bots.....lb. 1.25 - 1.50
Citronellol, bots.....lb. 1.90 - 2.15
Clove, Madagascar, bls.....lb. .15¼- .15½
Zanzibar, bls.....lb. .15¼- .15½
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.42½- —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.66 - 1.76
Linoleate, paste, 6%, dms...lb. .31¼- —
solid, 8½%, bbls.....lb. .32½- —
Oleate, bbls.....lb. .38 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 - —
1%, bbls.....lb. .12¼- —
2%, bbls.....lb. .16¼- .17
3%, bbls.....lb. .17½- .18
precip., dms., dlvd.....lb. .30½- —
Sulphate, dms.....lb. .51 - .53
Cocaine hydrochloride, cns....os. 9.75 -10.00
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Coelliana bark, bgs.....lb. .20 - .21
Cocoa butter, lump, bgs., c.l..lb. .17 - .17¼
Codeine, cns., 100 ozs.....oz.11.70 -12.45
Hydrochloride, cns., 100 ozs..oz.10.50 -10.85
Phosphate, cns., 100 ozs....oz. 9.00 - 9.05
Sulphate cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .97 - .97½
Blue, root, bls.....lb. .66 - .66½
Colchicine, vls.....os.24.00 -25.00
Colchicum seed, bgs.....lb. .25 - .26
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .65 - .70
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .19 - .20
S.A., USP, cns.....lb. .21 - .22
Copper carbonate, 53-55%, bbls.lb. .14½- .15¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .38
Iodide, bots.....lb. 4.97 - 5.00
Metal, electrolytic.....lb. .09¾- —
Oleate, precip., bbls.....lb. .30 - —
Oxide, black, bbls., tons, works.lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .13 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran. bgs., c.l.
works..ton.14.00 -15.00
bbls., c.l., works.
l.c.l., 25 or over, works
100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0280- .0285
Coriander seed, Morocco, bgs..lb. .05¼- .05¾
bleached, bgs.....lb. .08 - .08½
Russian, bgs.....No stocks.
Corn sugar, tanners, bbls., dlvd.
100 lbs. 4.18 - —
ex whse.....100 lbs. 4.08 - —
Syrup, 42°, bbls.....100 lbs. 4.10 - —
43°, bbls.....100 lbs. 4.20 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, bxs., 25 lb. dms., kgs..lb. .81 - .86
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 25-30% potash, bulk, dlvd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls.....lb. .16¾- .17¼
kgs.....lb. .17¼- .17¾
gran., bbls.....lb. .16¼- .16¾
kgs.....lb. .16¾- .17¼
powd., bbls.....lb. .16¼- .16¾
kgs.....lb. .16¾- .17¼
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .10 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33½- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis.lb. .36 - —
1 bbl., same basis.....lb. .36 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28½- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis.....lb. .33 - —
5% rotenone, bbls., 5 tons, same basis..lb. .24½- —
1 ton, same basis.....lb. .26 - —
1,000 lbs, same basis.lb. .27 - —
1 bbl., same basis....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .35 - .36
powd., cs.....lb. .39 - .40
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .09¾- .10¼
Indian, bgs.....lb. .09¼- .09½
Morocco, bgs.....lb. .11¾ Nom.
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd.interior, NH_3.unit. 1.07½- —
Atlantic ports, NH_3.unit. 1.03 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .16 - .17
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .10 - .12
Degras, common, dom., bbls..lb. .05½- .06
English, bbls.....lb. .05¾- .06¼
Japanese, bbls.....lb. .07 - .07¾
neutral, dom., bbls.....lb. .08½- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.....lb. .42 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .27 - —
1 ton, same basis.....lb. .29 - —
1,000 lbs., same basis.lb. .30 - —
1 bbl., same basis....lb. .32 - —
5% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis....lb. .36 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.90 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.85 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.90 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works. lb. .065 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .18½- —
5-gal. dms., works.....lb. .23 - —
tanks, dlvd.....lb. .13 - —
Sulphide, dms., l.c.l., works lb 1.10 - —
Diamylamine, dms., l.c.l., works lb. .75 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .19 - .19½
Tartrate, dom., dms.....lb. .80 - .85
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .083 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .026 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms..lb. .31½- —
refd., 99%, dms.....lb. .40 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l.....lb. .19 - —
tanks.....lb. .17½- —
Diethylanilin, dms.....lb. .53 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .23 - .25
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .07 - .07½
recleaned, bgs.....lb. .06¼- .06¾
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene kgs.....lb. .33 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .17½
oily, dms.....lb. .06½- .10
Diorthotoluylguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.32.00 -35.00
Extract, 25% tan., bbls.....lb. .06 - .06½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....os.34.50 -35.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
38 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .90 - 1.00
53 Victoria violet.....lb. .90 - 1.00
165 Lake red C.....lb. 1.10 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 2.90 - 3.10
202 Chrome blue black U..lb. .35 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue B.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
269 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .85 - .90
365 Chrysophenin G.....lb. .65 - .70
394 Direct violet N.....lb. 1.25 - 1.30
383 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN...lb. .90 - 1.00
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
513 Direct blue 2B.....lb. .60 - .65
518 Direct pure blue 6B....lb. 1.10 - 1.35
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF...lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .30
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 5.00
812 Primulin.....lb. .50 - .53
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble)..lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .50 - .60
Sulphur yellow.....lb. .50 - .60
Zambesi black.....lb. .28 - —
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
739 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
Orange, red shade..lb. .75 - —
Red:—
72 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1060 Anthroquinone violet base..lb. 5.00 - —
690 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.80 - —
Water-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
835 Nigrosin .....lb. .35 - —
875 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.00 - —
739 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .95 - —
235 Resorcin dark brown R. lb. .95 - —
831 Bismarck brown G..lb. .52 - —
832 Bismarck brown R..lb. .77 - —
798 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.85 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
787 Wool green S.....lb. .55 - —
924 Methylene green B...lb. 1.85 - —
1078 Alizarin cyanin green. lb. 2.25 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
97 Amidonaphthol red 6B. lb. .52 - —
79 Ponceau R.....lb. .45 - —
88 Fast red B.....lb. 1.05 - —
178 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 8BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
253 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
941 Safranin .....lb. 1.45 - —

Chrysarobin—Fleaseed

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Violet.—
680 Methyl violet B.....lb. .32 - —
681 Crystal violet C.....lb. 1.75 - —
690 Acid violet 4BN.....lb. .32 - —
Yellow:—
10 Naphthol yellow S..lb. .32 - —
155 Metanil yellow.....lb. .52 - —
656 Fast light yellow...lb. 1.25 - —
659 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen)
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .50 - .52
Elder flowers, bright, bls.....lb. .17 - .18
dark, bls.....lb. .16 - .17
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .16 - .17
select, bndls., cs.....lb. .18 - .19
Emetine hydrochloride, bots., vls. os.15.00 -15.35
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls.....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l.....100 lbs. 2.25 - 2.40
Import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs.....lb. 1.65 Nom.
Escrine, bots., vls.....os.42.00 -42.25
Salicylate, bots., vls.....os.30.00 -30.25
Sulphate, bots., vls.....os.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .06 - —
synth., dms., c.l., works...lb. .06 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .25 - .27
USP, 1898, dms.....lb. .29 - .30
washed, dms.....lb. .27 - .28
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07¼- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 2.40 - 4.00
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.65 - 5.90
Lactate, 55-gal. dms., works.lb. .22 - —
5-gal. dms., works.....lb. .24 - —
Oxalate, dms.....lb. .29 - .34
Ethylbenzylaniline, dms.....lb. .68 - .90
Ethylene bromide, dms.....lb. .66 - .70
Dichloride, dms., dlvd.....lb. .05½- .0554
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l.....lb. .18 - .21
tanks.....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .22
tanks, works.....lb. .18 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .35 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .51 - .52
Eucalyptus leaves, bls.....lb. .05 - .05¼
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -13.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .07½- .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works.ton.38.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .13½- .15
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works..lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works..lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 2.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .06 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 3.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.46.00 -47.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices
Japanese, 11½% ammon., bgs., c.i.f. ports, Sept./Oct. shipt..ton.41.50 -42.00
Flake white, bbls., kgs.....lb. .09¾- 10¼
Fleaseed, French, black, bgs..lb. .10 - .11
Indian, blonde, bgs.....lb. .08 - .08½

Fluorspar—Gum, Chicle

Fluorspar, enamel, 90-98%, bgs.. ton.	20.00	-35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.	18.00	- —
import., bulk, Atlantic ports, duty-paid.. ton.	21.25	-21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines.. ton.	20.00	- —
powd., 97%, import., bgs., Atlantic ports, duty paid.. ton.	61.00	-63.00
Formaldehyde, bbls., c.l., works. lb.	.06	- —
l.c.l., works.. lb.	.06½	- .07
Fringetree bark, bls.. lb.	.10	- .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines.. ton.	10.00	- —
import., bgs., c.l., ex dock.. ton.	23.00	- —
l.c.l., ex whse.. ton.	30.00	- —
Furfural, refd., dms., c.l., works lb.	.15	- —
l.c.l., works.. lb.	.17½	- .20
tech., dms., contracts, 150,000 lbs., works.. lb.	.10	- —
c.l., works.. lb.	.12½	- —
Fusel oil, refd., dms. incl., dlvd. lb.	.16	- .18
Fustic extract, cryst., bbls... lb.	.20	- .22
liquid, bbls.. lb.	.06½	- .09
solid, dms.. lb.	.16	- .18

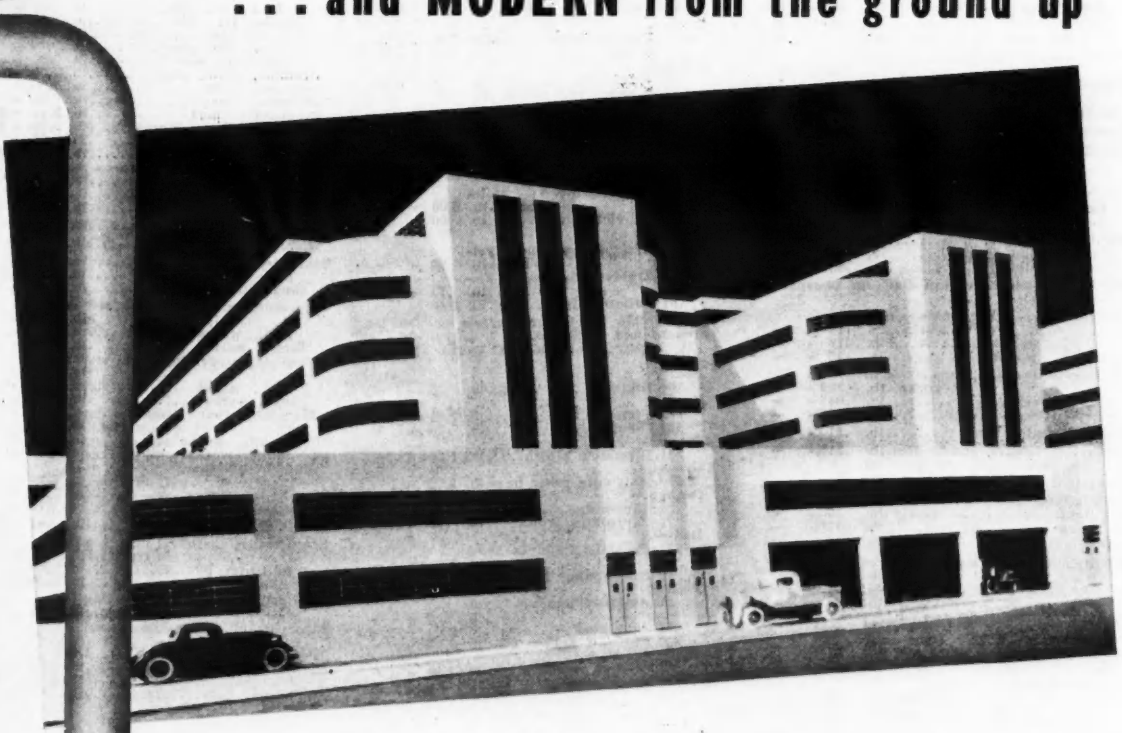
G

G salt, bbls.. lb.	.45	- .47
Galangal root, bls.. lb.	.08	- .09
Gall extract, bbls.. lb	18	- .20
Gambier, common, bgs.. lb.	.04¾	Nom.
plantation, bgs.. lb.	.09	Nom.
Cubes, Singapore, bgs.. lb.	.07	- .09½
Extract, bbls.. lb.	.08	.10
Gasoline, at refinery:— Bayonne, US motor, 62-63 octane, tanks.. gal.	.06¾	- —
65 octane, tanks.. gal.	.07	- —
above 65 octane, tanks. gal.	.0750	- —
California, 56-58, 375 e.p., tanks.. gal.	.08	- —
Gulf Coast, US motor, bulk, export.. gal.	.05½	- —
60-62, 390 e.p., bulk, export. gal.	.05¾	- .06½
60-62, 400 e.p., bulk, export. gal.	.05¾	- —
64-66, 375 e.p., bulk, export. gal.	.05½	- —
Louisiana-Arkansas, US motor, tanks.. gal.	.04½	- .04¾
58-60, 450 e.p., tanks.. gal.	.04½	- .04¾
64-66, 375 e.p., tanks.. gal.	.03¾	- .05¾
68-70, 350 e.p., tanks.. gal.	.04¾	- .04¾
Oklahoma-Texas, US motor, 62 octane and below, tanks.. gal.	.04½	- .04¾
63-67 octane, tanks.. gal.	.04¾	- .05
68-70 octane, tanks.. gal.	.05¾	- .06
60-62, 400 e.p., tanks.. gal.	.04¾	- .05
64-66, 375 e.p., tanks.. gal.	.05¾	- .05½
natural, 12-lb. v.p., tanks, gal.	.05½	- .05¾
14-lb. v.p., tanks.. gal.	.03½	—
18-lb. v.p., tanks.. gal.	.0420	- .04½
22-lb. v.p., tanks.. gal.	.02¾	—
26-70-lb. v.p., tanks.. gal.	.03½	- .03¾
Pennsylvania, US motor, tanks.. gal.	.05¾	- —
52-54, 450 e.p., naphtha, tanks.. gal.	.05¾	- —
60-62, 400 e.p., strt. run, tanks.. gal	.06	
Gasoline, tankwagon and service station (Federal and State taxes included):—	r.w.	s.s.
Atlanta.. gal.	.205	.235
Boston.. gal.	.14	.16
Chicago.. gal.	.155	.175
Cincinnati.. gal.	.175	.196
Denver.. gal.	.19	.21
Louisville.. gal.	.19	.21
Minneapolis.. gal.	.164	.184
New Orleans.. gal.	.185	.22
New York.. gal.	.15	- .182
San Francisco.. gal.	.17	.19
Gelatin, silver, cs.. lb.	.50	- .55
Gelsemium root, bls.. lb.	.12	- .18
Gentian root, bls.. lb.	.11	- .12
grd., bbls., bxs.. lb.	.13	- .14
powd., bbls., bxs.. lb.	.14	- .15
Geraniol, cns.. lb.	.75	- 3.00
Geranyl acetate, bots.. lb.	1.75	- 2.50
Ginger root, Africa, bgs.. lb.	.16	- .16½
Cochin, lemon, bgs.. lb.	.17¾	- .18¾
Jamaica, bold, bgs.. lb.	.19	- .21
grinding, bright, bgs.. lb.	.14¼	- .14¾
medium, bold, bgs.. lb.	.14¾	- .15¼
Japanese, bgs.. lb.	.16½	- .17
Ginseng fibers, cs.. lb.	1.75	- 2.00
Root, cultivated, cs.. lb.	2.00	- 4.00
wild, Southern, cs.. lb.	6.00	- 7.00
Glauber's salt, anhyd. (see Soda sulphate). cryst., dom., bgs., 5 tons or over.. 100 lbs.	.85	- —
smaller lots.. 100 lbs.	1.00	- —
bbls., 5 tons or over.. 100 lbs.	.95	- —
smaller lots.. 100 lbs.	1.10	- —
import., bgs.. 100 lbs.	1.05	- 1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.. lb.	.11	- —
l.c.l., dlvd.. lb.	.11½	- —
28/58, bgs., c.l., dlvd.. lb.	.11½	- —
l.c.l., dlvd.. lb.	.12	- —
58/82, bgs., c.l., dlvd.. lb.	.12¼	- —
l.c.l., dlvd.. lb.	.13	- —
48/108, bgs., c.l., dlvd.. lb.	.13	- —
l.c.l., dlvd.. lb.	.13¼	- —
Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest.. lb.	.13½	- —
l.c.l., same basis.. lb.	.14	- —
60/164, bgs, c.l., same basis. lb.	.15	- —
l.c.l., same basis.. lb.	.15½	- —
67/192, bgs, c.l., same basis. lb.	.16	- —
l.c.l., same basis.. lb.	.16½	- —
75/222, bgs., c.l., same basis. lb.	.17	- —
l.c.l., same basis.. lb.	.18	- —
83/251, bgs., c.l., same basis. lb.	.18	- —
l.c.l., same basis.. lb.	.19	- —
92/283, bgs., c.l., same basis. lb.	.19	- —
l.c.l., same basis.. lb.	.20	- —
102/315, bgs., c.l., same basis lb.	.19½	- —
l.c.l., same basis.. lb.	.20½	- —
113/347, bgs., c.l., same basis lb.	.20½	- —
l.c.l., same basis.. lb.	.21½	- —
125/879, bgs, c.l., same basis lb.	.21½	- —
l.c.l., same basis.. lb.	.22½	- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.		
Glycerin, C. P., cns., l.c.l.. lb.	.17½	- .18½
dms., extra, c.l.. lb.	.15½	- —
l.c.l.. lb.	.16	- .17
dynamite, dms., extra, c.l.. lb.	.15½	- —
l.c.l.. lb.	.16	- —
saponification, basis 88%, dms. returnable, dlvd.. lb.	.14	- .15
soaplye, basis 80%, dms. returnable, dlvd.. lb.	.13	- .14
yellow, distilled, dms. extra, c.l. lb.	.15⅜	- —
l.c.l.. lb.	.15⅞	- —
Glycol boriborate, dms.. lb.	.22	- —
Phthalate, dms.. lb.	.29	- —
Stearate, dms.. lb.	.23	- —
Gold, U.S. purchase price.. oz.	35.00	- —
Chloride, acid, brown, bots.. oz.	21.75	-22.00
yellow, bots.. oz.	19.75	-20.00
Gold-soda chloride, photo., bots. oz.	13.00	- —
USP IX, bots.. oz.	14.50	-14.75
Gold of pleasure seed, bgs.. lb.	.14	Nom.
Golden seal root, bls.. lb.	2.85	- 2.90
powd., bxs.. lb.	3.00	- 3.05
Grains of paradise, bgs.. lb.	.08¾	- .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works. lb.	.05	- —
bbls., c.l., works.. lb.	.05¼	- —
l.c.l., works.. lb.	.05½	- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.. lb.	.02½	- —
bbls., c.l., works.. lb.	.02¾	- —
l.c.l., works.. lb.	.03¼	- —
80% graphitic carbon, bgs., c.l., works.. lb.	.03½	- —
bbls., c.l., works.. lb.	.03¾	- —
l.c.l., works.. lb.	.04½	- —
Grease, house, trcs.. lb.	.05½	- .05¾
white, trcs.. lb.	.06⅜	- .08⅝
yellow, trcs.. lb.	.05⅜	- .05¾
Wool (see Adeps lanae and Degras)		
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.. lb.	.20	- —
6-10%, bbls., same basis. lb.	.21	- —
11-15%, bbls., same basis. lb.	.22	- —
16-20%, bbls., same basis. lb.	.23½	- —
21-25%, bbls., same basis. lb.	.23	- —
26-30%, bbls., same basis. lb.	.23¼	- —
31-35%, bbls., same basis. lb.	.24½	- —
36-40%, bbls., same basis. lb.	.26	- —
41-45%, bbls., same basis. lb.	.27½	- —
46-50%, bbls., same basis. lb.	.29	- —
over 50%, bbls., same basis lb.	.30	- —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.		
reduced C.P. color content up to 5%, bbls., same basis. lb.	.05¾	- —
6-10%, bbls., same basis. lb.	.06½	- —
11-13%, bbls., same basis. lb.	.07	- —
14-16%, bbls., same basis. lb.	.07¼	- —
17-19%, bbls., same basis. lb.	.07½	- —
20-21%, bbls., same basis. lb.	.07¾	- —
22-23%, bbls., same basis. lb.	.08	- —
24-25%, bbls., same basis. lb.	.08¼	- —
26-27%, bbls., same basis. lb.	.08½	- —
28-29%, bbls., same basis. lb.	.09	- —
30-31%, bbls., same basis. lb.	.09¾	- —
32-33%, bbls., same basis. lb.	.11	- —
34-35%, bbls., same basis. lb.	.12	- —
36-40%, bbls., same basis. lb.	.14	- —
41-45%, bbls., same basis. lb.	.16	- —
46-50%, bbls., same basis. lb.	.16½	- —
51-55%, bbls., same basis. lb.	.17	- —
56-60%, bbls., same basis. lb.	.17½	- —
61-65%, bbls., same basis. lb.	.18	- —
66-70%, bbls., same basis. lb.	.19	- —
71-75%, bbls., same basis. lb.	.20	- —
Chrome oxide, dom., pure, bbls., contract or open order, c.l., same basis as chrome C.P.. lb.	.17	- —
l.c.l. same basis.. lb.	.18	- .20
ceramic, light shades, bbls., c.l., works.. lb.	.26	- —
l.c.l., works.. lb.	.28	- —
standard grade, bbls., works.. lb.	.22	- —
import, bbls., kgs., f.o.b. N.Y.. lb.	.21	Nom.
Paris (see P)		
Verdigris (see V)		
Green dyes are listed under Dyes.		
Grindelia robusta, bls.. lb.	.06½	- .10
Guaiac resin, cs.. lb.	.75	- .85
strained, cs.. lb.	.95	- 1.00
Wood, bls.. lb.	.04	- .06
Guaiacol, liq., djns.. lb.	1.65	- 1.95
Carbonate, bxs., kgs.. lb.	2.15	- 2.40
Guarana, powd., cs.. lb.	.65	- .70
Gum aloe (see A)		
Ammoniac, tears, cs.. lb.	.90	- .95
Arabic, amber sorts, cleaned, bgs.. lb.	.09¾	- .10
white, sorts, 1, bgs.. lb.	.27	- .28
2, bgs.. lb.	.25	- .26
powd., bbls.. lb.	.13	- .14
Asafetida (see A)		
Asphaltum (see A)		
Benzoin, Siam, cs.. lb.	1.15	- 1.65
Sumatra, cs.. lb.	.16½	- .17
Camphor (see C)		
Chicle, bgs.. lb.	.35	- .40

IT'S

Smooth Flowing

. . . and MODERN from the ground up



● In a Modern Plant such as this, processing industries can make worth-while reductions in production costs. Materials flow through the plant with greatest economy. Power of each necessary kind is supplied where needed. Lost motion is eliminated. Working conditions . . . natural and artificial light, fresh air, modern conveniences . . . are ideal. Production is speeded up, quality improved, costs lowered.

No longer is the construction of plant buildings a separate operation. Much more than building experience is required. Only a dovetailing of experience in design, engineering, layout, construction and the producers manufacturing methods will assure successful results. It is in such a capacity that Austin has served processing industries in every part o the country. A preliminary consultation in many instances has pointed to real advantages for manufacturers, large and small . . . may do the same for you.

THE AUSTIN COMPANY

ENGINEERS AND BUILDERS

16112 Euclid Avenue, Cleveland, Ohio—*Offices in Principal Cities*

THE AUSTIN METHOD

Gum, copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .42½- —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; L.c.l. prices are ½c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.
1, cloudy white, bgs., c.l., same basis..lb. .26½- —
2, selected pale straw cold, bgs., c.l., same basis..lb. .19½- —
4, pale bold straw, bgs., c.l., same basis..lb. .17½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs. c.l., same basis..lb. .12½- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¼- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis. lb. .18 - —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —
17, pale fingers, bgs., c.l., same basis..lb. .16½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .10½- —
20 hard dark amber nubs, bgs., c.l., same basis..lb. .06½- —
21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13 - —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05½- —
unscraped, bgs.,c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .05¾- —
dust,bgs.,c.l.,same basis.lb. .05¾- —
nubs and chips, bgs., c.l., same basis lb. .05¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04 - —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold, bgs, c.l., same basis..lb. .12¾- —
chips, bgs., c.l., same basis..lb. .06¼- —
dust, bgs.,c.l.,same basis lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Rawk, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03¾- —
nubs,bgs.,c.l.,same basis..lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18¼- —
Ioba A, bskts., c.l., same basis..lb. .10¾- —
B,bskts.,c.l.,same basis.lb. .09¾- —
C,bskts.,c.l.,same basis.lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .07½- —
D,bskts.,c.l., same basis.lb. .09½- —
DK, bskts., c.l., same basis lb. .07½- —
DU, bskts., c.l., same basis lb. .06¾- —
dust,bskts.,c.l.,same basis lb. .03¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .12½- —
Singapore, dust, bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .03½- —
DBB,bskts., c.l.,same basis lb. .03 - —
MA,bskts., c.l.,same basis. lb. .06¾- —
MB,bskts.,c.l.,same basis.. lb. .06½- —
WS,bskts., c.l.,same basis. lb. .03¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .03¼- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs,bskts.,c.l.,same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14¼- —
mixed, bgs.,c.l.,same basis lb. .13¼- —
chips,bgs.,c.l.,same basis..lb. .07¾- —
nubs,bgs.,c.l.,same basis..lb. .10¼- —
split,bgs.,c.l.,same basis.lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¾- —
A/E, cs., c.l., same basis.lb. .13½- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis...lb. .14½- —
dust, cs., c.l., same basis.lb. .06¼- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore 1, cs.,c.l.,same basis lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs.,c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .04¾- —
seeds,cs.,c.l., same basis..lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Gum, ester, dms, c.l. (36,000 lbs.), dlvd..lb. .07¾- —
l.c.l., lots of 10 over, dlvd.lb. .08 - —
smaller lots, dlvd.....lb. .08¼- —
Euphorbium, cs.....lb. .18 - .20
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .26
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs, c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, csks., c.l., same basis as copal..lb. .28 - .30
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.11.50 nom
strained, bbls.....280 lbs.11.50 nom
Tragacanth, Aleppo, 1, cs....lb. 1.75 - 1.80
2, cs.....lb. 1.65 - 1.70
3, cs.....lb. 1.50 - 1.55
4, cs.....lb. 1.40 - 1.45
5, cs.....lb. 1.30 - 1.35
6, bgs.....lb. .30 - .31
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs.,c.l.,same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. eqald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.75 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex.,frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls.lb. .10½- 11
Helonias root, bls.....lb. .28 - .29
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04½
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .15 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .12½ - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .11½ - —
Homatropine hydrobromide, bots., vls..cs.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.75 - 2.90
Hops, dom., 1935 crop, bls.....lb. .35 - .40
import., 1935 crop, bls....lb. .65 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.11.00 -11.50
Hydrochloride, vls.....oz.11.00 -11.50
Sulphate, vls.....oz.13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols.,cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz.13.00 -13.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. 12 - 13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .12 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .82 - .85
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .13
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .64 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .33 - .35
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .62
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .34½- .35½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .34½- .35½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .43 - —
small lots, works.....lb. .53 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl., frt. alld..lb. .07 - —
...c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .05½

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04¾- —
Gulf ports, p.w., bulk, export, gal. .03½- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04
42-44 w.w., tanks.....gal. .03¾- .04
Pennsylvania, 45 w.w., tanks. gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .04½
Kerosene, tankwagon:—
Atlanta.....gal. .135 - —
Boston.....gal. .075 - —
Chicago.....gal. .093 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .103 - —
New Orleans.....gal. .12 - —
New York.....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs.12.50 -12.75
Middlewestern, trcs....100 lbs.12.25 -12.35
Western, choice, trcs..100 lbs.12.40 -12.50
compound, trcs.....100 lbs.12.50 -12.75
neutral, trcs.....100 lbs.13.75 -14.00
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04¾- .05¼
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .75 - .90
Lead acetate, brown, broken, bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Gum, Copal—Lime, Hyd.

Lead, blue, basic sulphate, bbls., c.l., dlvd. E.....lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .13 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08½- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08¼- —
In oil, steel kegs, 1,000 lbs..lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06½- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06¼- —
other points.....lb. .06¼- —
In oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .32
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .09
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern.....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ariz.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo.....ton.11.00 - —
California, northern.ton.14.75 - —
southern.....ton.13.75 - —
Cedar Hallow, Pa....ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —

Lime, Hyd.—Nux Vomica

Lime, hydrated, paper bgs., f.o.b.,
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio..ton. 9.00 - —
Marblehead, Ohio...ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.50 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs, f.o.b.
Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton. 11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06½- .06¾
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .08¼
Ore. .....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
Lime sulphur, dry, bgs., jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore. .....lb. .05½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
Fla. .....100 lbs. 1.90 - 2.00
jobbers,dlvd.E. of Rockies, except Fla..lb. .10½- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md.; Mich., Minn., Mo., N.E. States, N. J.... N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
jobbers, same basis...gal. .12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. 10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 - .18
Linseed cakes, bgs., export..ton.31.00 -31.50
Meal, 32%, dom., bgs.....ton.42.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.50
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis..lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
seed, bgs.....lb. .35 - .38
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10½
solid, bxs.....lb. .15½- .17¾
sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .30 - .32
Lupulin, N.F., tins.....lb. 1.25 - 1.30
Lycopodium, cs.....lb. 1.55 - 1.65

M

Mace, Banda, cs.....lb. .58 - .59
Batavia, cs.....lb. .43 - .45
Siauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs.....lb. .23 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, otns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
Magnesia, calcined, dom., tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .26 - —
1-lb. pkgs., same basis.lb. .25 - —
light, bbls., same basis..lb. .22 - —
1-lb. tins, same basis.lb. .23 - —
USP, heavy, bbls., same basis..lb. .20 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .09 - .09½
USP, bbls., c.l.....lb. .06½- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., cns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .26½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Dioxide, Caucasian, 65-66%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans, 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .30 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 8½%, bbls..lb. .06½- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt., ton.26.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .50 - .55
small cs.....lb. .28 - .29
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .19¼- .19¾
Tunisan, bls.....lb. .18½- .19
Matico leaves, bls..... lb. .80 - .81
Menthol, cs.....lb. 3.30 - 3.40
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment) [redacted]
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.09 - —
Mercury and chalk, kgs.....lb .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3¾x3¾ in..pkg.14.50 -15.00
3¾x3¾ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5⅞ in.....pkg.21.50 -22.00
5¾x5⅞ in.....pkg.23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .45 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .58 - —
5, frt. alld. or dlvd..gal. .49½- —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .36½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .43½- —
l.c.l, Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
Methanol, pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .43½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .48 - —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l. frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .37 - —
Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .42
tins .....lb .42 - .45
Methyl violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks. .....gal. .80 - —
tanks, wks. .....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment,120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
Mica, wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l. .....lb. .10¾- —
spray, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls., c.l..lb. .20 - .21
l.c.l. .....lb. .21 - .22
spray, bbls., c.l.....lb. .20 - .21
l.c.l. .....lb. .21 - .22
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06 - .06½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
Molybdenum metal, 99%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms.. l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms.....lb. .31 - .33
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 2.75 - 4.00
Morphine, cns.....os.10.90 -10.96
Acetate, bots.....os. 8.80 - 8.85
Ethylhydrochloride, vls.....os.10.50 -10.55
Hydrobromide, cns.....os. 8.70 - 8.75
Sulphate, cns.....os. 8.75 - 8.80
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06¾- .07¼
yellow, bgs.....lb. .07½ Nom.
Chinese, yellow, bgs.....lb. .05¼- .05¾
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08½- .09
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07½ Nom.
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.23.00 - —
J2, bgs., shipt.....ton 15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.50 - 3.00
import., 74-78% bg.s Atlantic ports..100 lbs. 2.50 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 50c. per 100 lbs. higher.
Nerolin, cryst., cns.....lb. 1.27 - 1.35
Nickel carbonate, bbls.....lb. .36 - —
Chloride, bbls.....lb. .18 - .19½
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine, 40%, cns.....5 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms. .....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .06½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25c is standard for consumers of 10,000 pounds or over of ester-soluble nitrocellulose **a year.**
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Aug.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Sept./Dec. shpt. unit-ton. 2.35 - —
Chemical, Ill..unit-ton. 2.50 - —
East Coast producing points..unit-ton. 2.75 - —
import., bgs., c.i.f. Atlantic ports, shipt.....unit-ton. 2.75 Nom.
Nitronaphthalene, bbls.....lb. .34 - .39
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt.. cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .17 - .17½
West Indian, bgs.....lb. .16½- .17
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S. gal. .10 - —
l.c.l., G.S. gal. .15 - —
tanks, G.S. gal. .08 - —
Octyl acetate, dms., c.l., works. lb. .16 - —
l.c.l., works lb. .17 - —
small lots, works lb. .20 - —
tanks, works lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, bots lb. 2.00 - 4.00
e.p.s., bots lb. 2.25 - 2.75
sweet, true, exp., cns lb. .65 - .68
Amber, crude, cns lb. .20 - .21
refd., cns lb. .52 - .53
Amyris, cns lb. 2.70 - 2.80
Angelica root, bots lb. 64.00 -75.00
Seed, bots lb. 72.00 -90.00
Anilin (see A).
Anise, USP, cns., dms lb. .53 - .55
Apricot kernel, dom., dms., irt. alld. lb. .25½- .26
spot lb. .25 - .26
Russian, dms lb. .19 - .20
Babassu, tanks lb. .07½- —
Bay, W.I., cns lb. 1.05 - 1.25
Bergamot, artif., cns lb. 1.00 - 1.30
natural, coppers lb. 2.20 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms lb. .14 - .17
rectifd., cns lb. .75 - .80
Bois de rose, Brazil, cns lb. 1.25 - 1.35
Cayenne, cns lb. 2.25 - 2.35
Cade, USP, cns lb. .26 - .28
Cajeput, tech., dms lb. .45 - .46
USP IX, cns lb. .47 - .48
Calamus, cns lb. 2.75 - 3.00
Camphor, sassafrassy, cns lb. .15 - .15½
dms lb. .13½- .14
white, cns lb. .16 - .16½
dms lb. .14½- .11
Cananga, native, cns lb. 2.30 - 2.35
rectifd., cns lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns lb. 2.00 - 2.25
Caraway, USP, cns lb. 2.00 - 2.25
Cardamom, bots lb. 11.00 -28.00
Cassia, USP, cns., dms lb. .90 - .95
Castor, blown, one-way dms., c.l. lb. .12¾- —
l.c.l. lb. .13 - —
medicinal, bbls., c.l. lb. .14½- —
l.c.l. lb. .15½- —
cns. (1-gal.), l.c.l. lb. .14½- —
dms. (returnable), c.l. lb. .10½- —
l.c.l. lb. .11½- —
(5-gal.), l.c.l. lb. .12½- —
tanks lb. .10 - —
No. 3, bbls., c.l. lb. .10¼- —
l.c.l. lb. .11 - —
dms. (returnable), c.l. lb. .10 - —
l.c.l. lb. .10¾- —
tanks lb. .09½- —
Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l. lb. .08 - —
l.c.l. lb. .08½- —
75% (63% fat), dms., c.l. lb. .11½- —
l.c.l. lb. .12 - —
80% (68% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13 - —
Cedarleaf, cns lb. .90 @ .95
dms lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms lb. .18 - .20
Celery, bots lb. 10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs. lb. .95 - —
25 lbs lb. 1.05 - —
Chinawood, dms lb. .15½- .15¾
tanks lb. .1500- .1520
Cinnamon, Ceylon, bots lb. 9.00 - 22.00
Seychelle, bots lb. 7.00 -10.00
Citronella, Ceylon, cns lb. .21 - 22.
dms, lb. .18 - .19
Java, dms lb. .30 - .31
Clove, USP, cns lb. 1.00 - —
dms lb. .98 - —
Cocoanut, Manila, crude, tanks, lb. .04⅞- —
Pac. Cst lb. .04⅝- —
edible, 76° F. tax incl., dms. (returnable), c.l. lb. .10¼- —
l.c.l. lb. .11 - —
tanks lb. .10 - —
Cod, Newfoundland, tanked, bbls. gal. .43 Nom.
Norwegian, bbls gal. .36 - .38
Codliver, med., Norwegian, bbls. bbl. 26.00 -27.00
poultry, USP, bbls gal. .70 - .75
Coriander, bots lb. 7.00 - 7.25
Corn, crude, tanks, works lb. .09¾ Nom.
refd., bbls lb. .12½- .13
Cottonseed, dom., cooking, bbls 100 lbs. 11.50 - —
salad, bbls 100 lbs. 11.65 - —
Import., Brazilian, semirefd., dms lb. .06¾ Nom.
British, semi-refd., dms lb. .07¼ Nom.
Creosote (see C).
Croton, USP, cns lb. 1.40 - 1.45
Cubeb, USP, cns lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots lb. 8.50 -10.00
Cypress, cns lb. 12.00 - —
Degras (see D).
Diesel, Bayonne, bulk bbl. 1.05 - —
California, 27 plus, bulk bbl. .90 - .95
Dill seed, bots lb. 3.15 - 3.50
Weed, bots lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns lb. 1.45 - 1.55
Eucalyptus, cans lb. .35 - .36
dms lb. .33 - .34
Fennelseed, sweet, cns lb. 1.05 - 1.10
Fuel, bunker, California, tide-water bbl. .82½- .85
Gulf Coast bbl. .90 - —
Kansas, 24-26 bbl. .80 - .85
Louisiana-Arkansas, 16-20 bbl. .60 - .70
18-20 bbl. .65 - .75
N. Y. and N. J. terminals—
Monday bbl. 1.10 - —
Tuesday bbl. 1.10 - —
Wednesday bbl. 1.10 - —
Thursday bbl. 1.10 - —
Friday bbl. 1.10 - —
Saturday bbl. 1.10 - —
North Texas, 24-26 bbl. .65 - .70
26-30 bbl. .70 - .75
Oklahoma, 18-22 bbl. .65 - .70
24-26 bbl. .70 - .75
26-30 bbl. .80 - .85
28-30 bbl. .90 - .95
Pennsylvania, 36-40 gal. .04¼- .04⅝
Furnace, Bayonne, 1, bulk, refinery gal. .05¼- —
2, bulk, same basis gal. .04¼- —
3, bulk, same basis gal. .04¼- —
4, bulk, same basis gal. .03¾- —
Kansas, 36-40 gal. .03½- .03¾
Louisiana-Arkansas, 35-40, light straw gal. .02¾- .03
Oklahoma, 28-30 gal. .03 - .03½
32-36 gal. .03¼- .03¼
36-38 gal. .03¼- .03¼
38-40, straw gal. .03¼- .03⅝
38-40, zero, 60 e.p. gal. .03⅝- .03⅞

Oil, fusel (see F).
Gas, Bayonne, 32-36, bulk gal. .04½- —
Gulf Coast, 32-36, bulk gal. .02 - —
Kansas, 32-36, bulk gal. .02¾- .03¾
Louisiana-Arkansas, 32-36, bulk gal. .03 - .03½
North Texas, 32-36, bulk gals. .02¾- —
Oklahoma, 32-36, zero, straw, bulk gal. .02½- .02⅝
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns lb. 5.25 - 6.75
Turkish, cns lb. 1.00 - 2.00
Grapefruit, cns lb. 2.85 - 2.90
Ginger, dist., bots lb. 3.40 @ 3.50
Guaiac wood, concrete, bots lb. 3.10 - 3.15
Haarlem, dom., bots gross 3.25 - 3.35
import, bots gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns lb. 1.00 - 1.05
Hempseed, crude, dms lb. .09½- .09¾
refd., dms lb. .10½- .10¾
Herring, tanks, Pan. Cst. gal. .31 - —
Juniper berry, USP, cns lb. 1.00 - 2.00
Wood, tech., cns lb. .45 - —
Lard, common, 1, bbls. 100 lbs. 9.25 - —
2, bbls 100 lbs. 9.00 - —
extra, bbls 100 lbs. 10.50 - —
1, bbls 100 lbs. 9.50 - —
headlight, burning bbls. 100 lbs. 11.75 - —
prime, ed., bbls 100 lbs. 14.00 - —
lined., bbls 100 lbs. 11.75 - —
winter, strained, extra, bbls, 100 lbs. 10.75 - —
prime, bbls 100 lbs. 11.00 - —
Lavender flowers, French, USP, cns. lb. 2.75 - 7.25
Garden, cns lb. .45 - .50
Spike, Spanish, tech., cns. lb. 1.30 - 1.35
dms. lb. 1.20 - 1.25
Lemon, Calif., cns lb. 1.75 - —
Messina, coppers, cns lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .40 - .45
Lime, dist., cns lb. 5.45 - 6.00
expressed, cns lb. 9.35 -12.00
Linaloe wood, cns lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l. lb. .1070- .1090
l.c.l., 5 or over lb. .1110- .1130
less than 5 lb. .1150- .1170
tanks lb. .1010- .1030
double boiled, bbls., less than 5 lb. .1170- .1190
raw, bbls., cl. lb. .1030- .1050
l.c.l., 5 or more lb. .1070- .1090
less than 5 lb. .1110- .1130
tanks lb. .0970- .0990
Lovage, bots lb. 65.00 -66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks gal. .21½- —
80, 100 vis., tanks gal. .24½- —
115, 125 vis., tanks gal. .26½- —
green, pale, 750, 900 vis., tanks gal. .21½- —
green, pale, 250, 300, 350, 400, 450, 500, 600, 700 vis., tanks gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks gal. .21½- —
pale, 75, 175 vis., tanks gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks gal. .13¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks gal. .16½- —
3 color, tanks gal. .14 - .14¼
4 color, tanks gal. .13½- .13¾
E, tanks gal. .21 - —
180 vis., 3 color, tanks gal. .15¼- .15¾
4 color, tanks gal. .14¾- .15
190 vis., tanks gal. .25 - —
200 vis., 3 color, tanks gal. .15¾- .16
4 color, tanks gal. .15¼- .15½
5 color, tanks gal. .14¾- .15
220 vis., 3 color, tanks gal. .16¾- .17
4 color, tanks gal. .16¼- .16½
5 color, tanks gal. .16¼- .16½
240 vis., 3 color, tanks gal. .17¾- .18
4 color, tanks gal. .17¼- .17½
280 vis., 3 color, tanks gal. .18¾- .19
4 color, tanks gal. .18 - .18¼
5½ color, tanks gal. .17½- .17¾
Penna., bright, 600 cold test, 10-40 pour, tanks gal. .25 - —
10-15 pour, tanks gal. .26 - —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks gal. .19 - —
630 flash, tanks gal. .23½- —
635 fire, tanks gal. .17½- —
650 fire, tanks gal. .18 - —
Warren, E, amber, tanks gal. .19½- —
neutral, 150 vis., 3 color, tanks gal. .22½- —
180 vis., 3 color, tanks gal. .24 - —
200 vis., 2 color, tanks gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s. gal. .31½- —
unfiltered, 600 s.r., bbls., c.l., f.a.s. gal. .24 - —
600 flash, s.r., bbl., c.l., f.a.s. gal. .25½- —
630 flash, s.r., bbls., c.l., f.a.s. gal. .28 - —
650 s.r., bbls., f.a.s. gal. .24½- —
Warren, E, bbls., c.l., f.a.s. gal. .26 - —
smaller lots, f.o.b. gal. .31 - —
Mace, dist, cns lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto. gal. .27 Nom.
refd., alkali, dms., c.l. lb. .0740- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
blown, dms lb. .0740- —
kettle-bodied, dms lb. .0840- —
light pressed, dms., c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots. lb. 1.73 - 1.78
dist., natural, bots lb. 8.00 - 9.00
expressed, bbls gal. .75 - .80
Neatsfoot, cold test, bbls. 100 lbs. 16.00 - —
extra, bbls 100 lbs. 9.75 - —
1, bbls 100 lbs. 9.50 - —
purs, bbls 100 lbs. 11.50 - —
Special, bbls 100 lbs. 10.75 - —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli bots lb. 35.00 -60.00
Nutmeg USP, cns lb. 1.10 - 1.15
Oiticica, dms lb. .12½- .13
shipment lb. .11 - .11½
Oleo, 1, bbls 100 lbs. 11.00 - —
2, bbls 100 lbs. 10.50 - —
Olibanum, bots lb. 5.25 - 5.30
Olive, nom., denat., bbls gal. 1.35 - Nom.
edible, bbls gal. 2.00 - Nom.
foots bbls lb. .09½- .09¾
sulphonated, 50% (43% fat), dms., c.l. lb. .09 - —
l.c.l. lb. .09½- —
75% (63% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13 - —
80% (68% fat), dms., c.l. lb. .13½- —
l.c.l. lb. .14 - —
Orange, sweet, dist., cns lb. .90 - —
expressed, African, cns., dms. lb. 1.25 - 1.30
Calif., cns lb. 2.95 - —
Florida, cns lb. 2.85 Nom.
Messina, USP, coppers lb. 2.35 - 3.25
Spanish, cns lb. No stocks
West India, cns lb. 2.30 - 2.35

Oil, origanum, Spanish, cns. lb. .80 Nom.
Orris, Florentine, concrete, extra strong, bots. oz. 5.25 - 5.50
Palm, Niger, cks lb. .0475- .05
shipment lb. .0435- —
softs, 12/, bulk, shipt lb. .0435- —
20%, bulk, shipt lb. .0425- —
Sumatra, tanks lb. .05¼- Nom.
shipment, bulk lb. .0450 Nom.
Palmarosa, cns lb. 1.60 - 2.00
Palmkernel, bulk, shipt lb. .05 - Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3. gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3. gal. .05½- —
80-85 vis., bbls. extra, ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy. gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3. gal. .05¾- —
Patchouli, bots lb. 4.75 - 6.00
Peanut, crude, tanks, works. lb. .09½- Nom.
refd., edible, bbls lb. .12½ Nom.
Pennyroyal, dom., cns lb. 1.75 - 2.00
import., cans lb. 1.40 - 1.45
Peppermint, natural, cans lb. 2.65 - 2.90
redist., USP, cans lb. 2.90 - 3.15
Perilla, dms lb. .09¾- .10
tanks lb. .09¾- .09¼
Petitgrain, Paraguay, cns lb. 1.00 - 1.15
Pimento berry, cns lb. 2.30 - 2.50
Leaf, cns lb. 1.25 - 1.30
Pine, dest.-dist., straw-color, dms., divd. E. ports gal. .44 - —
steam-dist., straw-color, bbls. gal. .50 - —
tanks gal. .54 - —
water-white, bbls gal. .64 - —
tanks gal. .59 - —
Pineneedle, Siberian, cns lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19¼- —
Whiting, Ind gal. .28 - —
dms., c.l., Bost., Provid. gal. .25½- —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal gal. .28 - —
Rapeseed, blown, bbls lb. .11¼- .12
denat., bbls gal. .65 - .66
Red, dist. or saponif., bbls., divd. lb. .09½- .10½
dms, divd lb. .09 - .10
tanks, divd lb. .08¼- —
white, dms, dvid lb. .12 - .13
Rose, artif., bots oz. 2.00 - 3.00
natural, coppers oz. 5.25 -22.50
Rosemary, tech., cns lb. .44 - .46
USP, cns., dms lb. .48 - .50
Rosin, 1st rectfd., dms gal. .50 - .52
2d rectfd., dms gal. .55 - .57
3d rectfd., dms gal. .60 - .62
Rue, bots lb. 2.50 - 2.60
Sage, cns lb. 1.70 - 1.75
Salmon, tanks, Pac. Cst gal. .32 - Nom.
Sandalwood, Australia, cns lb. 4.50 - 5.00
E.I., USP, cns lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. cst. gal. .32 - Nom.
rfd., alkali, dms, c.l. lb. .0740- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
kettle-bodied, dms lb. .0840- —
light, pressed, dms, c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
poultry feed., dms., Pac. cst. gal. .50 - —
Sassafras, artif., dms lb. .37 - .38
cns lb. .40 - .41
natural, cns., dms lb. .75 - 1.25
Savin, cns lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. lb. .14 - .14¼
yellow, dms lb. .14 Nom.
Shingle stain, bbls., c.l., works. gal. .17½- —
l.c.l., works gal. .20 - —
tanks, works gal. .14½- —
Snakeroot, Canada, cns lb. 10.25 -12.50
Soybean, dom., crude, dms. lb. .0930- .0990
tanks lb. .0870- —
refd., dms lb. .0980- .1070
tanks lb. .0920- .0970
Spearmint, USP, cns lb. 2.00 - 2.05
Sperm, bleach, 38°, dms lb. .0940- .0960
45°, dms lb. .0870- .0890
natural, dms lb. .0820- .0840
Spruce, cns lb. 1.00 - 1.05
Sunflowerseed, refd., dms lb. .10¾- .11
Sweet birch, North., cns lb. 3.50 - 3.75
South., cns lb. 1.90 - 2.10
Tallow, acidless, bbls 100 lbs. 9.50 - —
tanks 100 lbs. 9.00 - —
Tansy, cns lb. 1.50 - 1.60
Tar, commi., dms., c.l., dvd. E. cities gal. .28 - —
E. ports gal. .25 - —
l.c.l. gal. .26 - —
tanks, divd. E. cities gal. .20 - —
Tar acid (see T)
Teaseed, dms lb. .13 - .13½
shipment, dms lb. .11 - —
Thyme, NF, red, dms lb. .80 - 1.25
white, dms lb. .85 - 1.30
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns gal. 4.00 - 5.00
Valerian, bots lb. 12.50 -14.00
Vetiver, Bourb., bots lb. 10.50 -11.00
Walnut, crude, dms lb. .11 - .11¼
refd., dms lb. .12 - .12¾
Whale, refd., natural, dms. lb. .0690- .0710
winter, bleach, dms lb. .0730- .0750
White, mineral, dom., tech., 50-60 vis., dms gal. .42 - .44
65-75 vis., dms gal. .44 - .46
80-90 vis., dms gal. .45 - .47
U.S.P., 80-90 vis., dms. gal. .54 - .56
95-105 vis., dms gal. .63 - .65
125-135 vis., dms gal. .75½- .77½
140-150 vis., dms gal. .76½- .78½
175-185 vis., dms gal. .78½- .80½
200-210 vis., dms gal. .80 - .82
320-330 vis., dms gal. .85½- .87½
335-345 vis., dms gal. .87 - .90
Russian, 75-85 vis., dom. gal. .52 - —
145-155 vis., dms gal. .74½- —
185-190 vis., dms gal. .76½- —
275-285 vis., dms gal. .80 - —
335-345 vis., dms gal. .85 - —
Wintergreen, natural, North., cns. lb. 4.00 - 8.00
South., cns lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns lb. 2.00 - 2.10
Wormwood, cns lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots lb. 26.00 -30.00
Opium, USP, cns lb. 11.50 -12.50
gran., cns lb. 12.50 -13.50
powd., cns lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls lb. .80 - .85
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash. lb. .10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .10¾- —
Colo., Mont., N. M., Wyo. lb. .10¼- —
Other points lb. .10 - —

Oakbark Ext.—Petroleum

Orange, mineral, Amer., bbls., smaller lots, divd., Ala., etc. lb. .10¾- —
Ariz., etc lb. .11¼- —
Colo., Mont., N. M., Wyo. lb. .11 - —
Other points lb. .10¾- —
French Tours, oaks, ex dock lb. .17 - —
tgs., ex dock lb. .18½- —
Peel, bitter, bls lb. .08½- .09
Sweet, bls lb. .09 - .10
Toner bbls lb. .80 - —
Orangeflower petals, cs lb. .85 - .88
Orris root, Florentine, bgs lb. .09 - .10
fingers, cs lb. .95 - 1.00
powd., bbls., bxs lb. .12 - .13
Verona, bls lb. .08 - .09
powd., bxs., cs lb. .11 - .12
Orthoanisidin, bbls lb. .82 - .84
Orthochloroanilin, dms lb. .69 - .75
Orthochlorophenol, dms lb. .35 - .75
Orthocresol, dms lb. .13 - .15
Orthodichlorobenzene, dms lb. .06¼- .11½
Orthonitroanilin, dms lb. .85 - .90
Orthonitrochlorobensene, kgs lb. .25 - .29
Orthonitroparachlorophenol, cns. lb. .70 - .75
Orthonitrophenol, kgs lb. .85 - .90
Orthonitrotoluene, dms lb. .07 - .10
Orthotoluene sulphonate, kgs. lb. 2.00 - 2.05
Orthotoluidin, dms lb. .14½- .15
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls lb. .07 - .09
Oxyquinolin sulphate, cns., 100-lbs., works lb. 3.50 - —
bots., cns., 1-50 lbs lb. 3.65 - 4.00

P

Papain, powd., cs lb. 1.00 - 1.05
Paprika, Hungarian, bgs lb. .22 - .22½
Spanish, extra fancy, cs lb. .25 - .25½
fair, bgs lb. .24½- .25½
fancy, med., bgs lb. .24 - .24½
Para-aminoacetanilide, kgs lb. .85 Nom.
Para-aminophenol, bgs., bbls. lb. 1.05 - —
Hydrochloride, bbls lb. 1.25 - —
Para-amylphenol, tertiary, dms., l.c.l., works lb. .80 - —
Parachlorophenol, dms lb. .80 - .85
Paracymene, rfd., dms gal. .75 - 1.25
Paradichlorobensene, dms lb. .16 - .20
kegs lb. .18 - .22
Paraffin, crude, scale, waxs, 122-124 A.m.p., bgs., c.l., Okla., refy. lb. .02¾- .02½
bbls., c.l., N. Y. lb. .0235- —
124-126 A.m.p., bgs., c.l., Okla. refy. lb. .02¾- .02½
bbls., c.l., N. Y. lb. .0240- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y. lb. .02½ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l. lb. No price
126-128 A.m.p., bgs., c.l. lb. .0445- —
export, f.a.s. N. Y. lb. .0440- —
125-127 A.m.p., bgs., c.l. lb. .0450- —
export, f.a.s., N. Y. lb. .0445- —
128-130 A.m.p., bgs., c.l. lb. .0480- —
export, f.a.s. N. Y. lb. .0475- —
130-132 A.m.p., bgs., c.l. lb. .0495- —
export, f.a.s. N. Y. lb. .0490- —
133-135 A.m.p., bgs., c.l. lb. .0565- —
export, f.a.s. N. Y. lb. .0545- —
135-137 A.m.p., bgs., c.l. lb. .0580- —
export, f.a.s. N. Y. lb. .0545- —
138-140 A.m.p., bgs., c.l. lb. .0655- —
143-145 A.m.p., bgs., c.l. lb. .0790- —
Refined paraffin prices in cases are ½c. lb higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l. lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs. lb. .02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .33 - —
100-lbs. lb. .39 - —
Paraldehyde, tech., dms., wks. lb. .16 - .18
USP, cbys lb. .37 - .44
Paranitroanilin, kgs lb. .47 - .49
Paranitrochlorobensene, kgs lb. .25½- .26
Paranitrophenol, kgs lb. .35 - .37
Paranitrotoluene, kgs lb. .36 - .37
Paraphenylenediamine, bbls lb. 1.25 - 1.30
Parastertiaryamyiphenol, dms., 36,000 lbs., Wyandotte, Mich. lb. .32 - —
10,000 lbs., same basis lb. .33 - —
2,000 lbs., same basis lb. .40 - —
1,000 lbs., same basis lb. .50 - —
6 lbs., same basis lb. 1.00 - —
1-5 lbs., same basis lb. 2.00 - —
tanks, same basis lb. .21 - —
Paratoluenesulphonamide, bbls. lb. .70 - .75
Paratoluenesulphonanilide, bbls. lb. .55 - —
Paratoluidin, bbls lb. .59 - .60
Pareira brava root, bls lb. .13 - .14
Paris green, bxs., frt. all'd E. of Cleve. lb. .26 - .27
kgs., same basis lb. .23 - .24
kits, same basis lb. .26 - —
Passion flower herb, bls lb. .06½- .07
Patchouli leaves, bls lb. .15 - .16
Pellitory root, bls lb. .16 - .17
Pennyroyal, bls lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S. gal. .10 - —
l.c.l., G.S. gal. .11 - —
tanks, G.S. gal. .09 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .20 - —
Pepper, black, Alleppy, bgs lb. .06½- .09
Lampong, bgs lb. .04¾- .05
Tellicherry, bgs lb. .09 - .09½
Red, birdseye, new crop, bgs., afloat lb. .14 - .15½
old crop, bgs lb. .13 - .13½
Japanese, 1, bgs lb. .10¾- .11¼
Mombassa, bgs lb. .13¾- .14½
White, Borneo, bgs lb. .08½- .09
Java, Muntok, bgs lb. .08¾- .09
Saigon, bgs lb. .09 - .09½
Singapore, Muntok, bgs lb. .08¾- .09
Peppermint leaves, dom., bls lb. .30 - .32
Import., bls lb. .45 - .50
Persian berry extract, bbls lb. .55 Nom
Peru balsam, dms lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l. lb. .02¾- .02⅞
light, bbls., c.l. lb. .03½- .03⅝
medium, bbls., c.l. lb. .02⅞- .03¼
cream, bbls., c.l. lb. .05 - .05½
green, dark, bbls., c.l. lb. .02¼- .02⅝
red, bbls., c.l. lb. .02⅝- .02⅞
veterinary, bbls., c.l. lb. .02⅝- .02⅞
white, liv. bbls., c.l. lb. .06 - .07
snow, bbls., c.l. lb. .07 - .07½
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights bbl. .74 - .85
Athens bbl. .84 - 1.02
Belridge bbl. .70 - 1.19
Buena Vista Hills bbl. .70 - 1.23
Coalinga bbl. .70 - .90
Coyote Hills (West) bbl. .78 - 1.23
Domingues bbl. .79 - 1.04
East Coyote bbl. .78 - .94
Elk Hills bbl. .70 - 1.33
Elwood Terrace, f.o.b. ship. bbl. 1.28 - 1.43
Huntington Beach bbl. .78 - 1.22

Petroleum—Red, Cadmium

Petroleum, crude, bulk, at wells—
California (Continued):—
Inglewood .bbl. .79 - 1.27
Kern Front .bbl. .70 - —
Kern River .bbl. .70 - —
Kettleman Hills .bbl. 1.19 - 1.48
La Habra .bbl. .76 - .96
Lakeview .bbl. .65 - 1.04
Lost Hills .bbl. .70 - 1.33
McKittrick .bbl. .70 - —
Midway - Sunset (except Lakeview) .bbl. .70 - 1.38
Montebello .bbl. .77 - 1.48
Mt. Poso .bbl. .70 - —
Mountain View .bbl. .70 - 1.30
Newhall .bbl. .70 - —
Olinda Brea .bbl. .76 - 1.27
Orcutt .bbl. .70 - .96
Playa del Rey, f.o.b. pipeline .bbl. .80 - 1.16
Richfield .bbl. .76 - 1.09
Rosecrans .bbl. .84 - 1.04
Round Mt. .bbl. .70 - —
Santa Fe Springs .bbl. .70 - 1.43
Santa Paula .bbl. .70 - 1.01
Seal Beach .bbl. .79 - 1.19
Signal Hill .bbl. .80 - 1.21
Torrence .bbl. .80 - 1.06
Wheeler Ridge .bbl. .70 - .88
Whittier .bbl. .76 - .96

Canada:—
Oil Springs .bbl. 2.17 - —
Petrolia .bbl. 2.10 - —

Central West:—
Illinois .bbl. 1.23 - —
Lima .bbl. 1.25 - —
Midland (Mich.) .bbl. 1.42 - —
Princeton .bbl. 1.15 - —

East Texas .bbl. 1.15 - —

Gulf Coast:—
Barber's Hill .bbl. .92 - 1.23
Batson .bbl. .92 - 1.23
Conroe .bbl. 1.24 - 1.34
Dayton .bbl. .92 - 1.22
Evangeline .bbl. [illegible]
Goose Creek .bbl. .92 - 1.23
High Island .bbl. .92 - 1.26
[illegible] .bbl. [illegible]
Humble .bbl. .92 - 1.23
Liberty .bbl. .92 - 1.23
Markham .bbl. .92 - 1.23
Orange .bbl. .92 - 1.23
Pettus .bbl. 1.28 - —
Pierce Junction .bbl. .92 - 1.22
Port Lavaca .bbl. .90 - —
Refugio, heavy .bbl. .90 - —
light .bbl. .92 - 1.23
Saratoga .bbl. .92 - 1.29
Sour Lake .bbl. .92 - 1.22
Spindle Top .bbl. .92 - 1.23
Sugarland .bbl. .92 - 1.22
Terry .bbl. .92 - 1.29
West Columbia .bbl. [illegible]

Kentucky, Tennessee:—
Oil City, in Stoll lines .bbl. 1.00 - —
Somerset .bbl. 1.30 - 1.38
Western Kentucky, all gravities .bbl. 1.28 - —

Louisiana, Arkansas:—
Bosco .bbl. 1.03 - —
Bull Bayou .bbl. .71 - 1.06
Caddo .bbl. .75 - 1.10
Cameron Meadows .bbl. .82 - 1.13
Cotton Valley .bbl. .78 - 1.10
De Soto .bbl. .78 - 1.10
El Dorado .bbl. .78 - 1.10
Haynesville .bbl. .78 - 1.10
Homer .bbl. .78 - 1.10
Iowa .bbl. .72 - 1.08
Lockport .bbl. .92 - 1.23
Miller County .bbl. .78 - 1.10
Nevada .bbl. .65 - —
Pine Island .bbl. .84 - 1.06
Rodessa .bbl. .78 - 1.10
Smackover .bbl. .75 - .80
Urania .bbl. .97 - —

Mexico, f.o.b. terminals, Mexican ports—based on contract:—
Panuco .bbl. 1.00 - —
Tax, 12.368c. per bbl.
Tuxpan .bbl. No prices
Tax, 20.261c. per bbl.

Midcontinent:—
Corsicana .bbl. .90 - —
North Texas .bbl. .86 - 1.13
Oklahoma-Kansas .bbl. .86 - 1.13

Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany .bbl. 2.45 - —
Corning .bbl. 1.43 - —
Pennsylvania grade, in Buckeye lines .bbl. 1.97 - —
Eureka lines .bbl. 2.12 - —
S.W. Penn lines .bbl. 2.17 - —
lower district in National Transit lines .bbl. 2.27 - 2.42

Rocky Mountain:—
Big Muddy .bbl. 1.11 - —
Cat Creek .bbl. 1.07 - —
Elk Basin .bbl. 1.18 - —
Frannie, heavy .bbl. .73 - —
light .bbl. .75 - —
Grass Creek, heavy .bbl. .72 - —
light .bbl. 1.18 - —
Greybull .bbl. 1.28 - —
Lance Creek .bbl. [illegible]
Ponders .bbl. 1.08 - —
Rock Creek .bbl. 1.12 - —
Salt Creek .bbl. .94 - 1.18
Sunburst .bbl. 1.15 - —

South, Central and Southwestern Texas:—
Cass County .bbl. .86 - 1.10
Darst Creek .bbl. .97 - 1.02
Luling .bbl. .90 - —
Lytton Springs .bbl. 1.00 - —
Miranda .bbl. .85 - —
Panola County .bbl. [illegible]
Salt Flat .bbl. 1.02 - —
Saxet .bbl. .90 - —
Tomball .bbl. 1.30 - —
Van .bbl. .78 - 1.08

Texas Panhandle:—
Carson-Hutchinson counties .bbl. .81 - .86
Gray County .bbl. .86 - .86

West Texas:—
Artesia, N. M. .bbl. .75 - —
Crane .bbl. .75 - .90
Crockett .bbl. .75 - .90
Ector .bbl. .75 - .90
Glasscock .bbl. .75 - .90
Hobbs, N. M. .bbl. .65 - —
Hogback .bbl. 1.21 - —
Howard .bbl. .75 - .90
Jackson, N. M. .bbl. .75 - —
Lea, N. M. .bbl. .75 - .90
Maljamar, N. M. .bbl. .75 - —
Mitchell .bbl. .80 - —
Pecos .bbl. .75 - .90
Upton .bbl. .75 - .90
Winkler .bbl. .85 - —

Ether, 30-60°, dms., c.l. G.S. gal. .15 - —
l.c.l., G.S. gal. .17 - —
tanks, G-S gal. .13 - —
35-60°, dms., l.c.l., G.S. gal. .35 - —
40-75°, dms., c.l., G.S. gal. .15 - —
l.c.l., G.S. gal. .16 - —
tanks, G.S. gal. .13 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .25 - —
10-gal. lots, G.S. gal. .50 - —

Petroleum, lacquer, diluent, at refinery:—
California, 49-51, 225 i.b.p., 335 e.p., tanks gal. .12 - —
58-62, 160 i.b.p., 270 e.p., tanks, delvd, Los Angeles gal. .13½ - —
San Francisco gal. .14 - —
f.o.b. Richmond gal. .14 - —
Willbridge, Ore.; Pt. Wells, Wash. gal. .14½ - —
61-63, 149 i.b.p., 275 e.p., tanks gal. .13 - —
East Coast, tanks gal. .13 - .13½
drums gal. .19 - —
Group 3, tanks gal. .08½ - .08¼
Naphtha, cleaners, at refinery:—
East Coast, tanks gal. .09½ - —
Group 3, tanks gal. .07½ - .07¼
tankwagon, Boston, ex-tax, gal. .13 -
Chicago, inc. 3c. tax gal. .145 - .153
Decatur, inc. 3c. tax gal. .17½ - .18½
Des Moines, inc. 3c. tax gal. .173 - .183
Evansville, Ind, ex tax gal. .149 - .162
Milwaukee, inc. 4c. tax gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax gal. .179 - .189
Newark, ex tax gal. .11¼ - —
New York, ex tax gal. .11¼ - —
Omaha, ex tax gal. .149 - .159
Oklahoma City, ex tax gal. .15 - .16
Philadelphia, ex tax gal. .11¼ - —
St. Louis, ex tax gal. .142 - .152
Syracuse, 150 gals. gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans gal. .21 - —
Tulsa, ex tax gal. .15 - .16
high solvency, aromatic, 8 tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J. gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt. gal. .16¼ - —
90, same basis gal. .16½ - .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt. gal. .16 - —
2, same basis gal. .15 - —
3, same basis gal. .16 - —
4, same basis gal. .18 - —
V.m.&p., at refinery:—
California, 49.5, 255 i.b.p., 390 e.p., tanks, f.o.b. El Segundo gal. .13½ - —
Richmond gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash. gal. .14½ - —
54-57, 190 i.b.p., 310 e.p., tanks, delvd, Los Angeles gal. .12½ - —
San Francisco gal. .13 - —
East Coast, tanks gal. .10 - —
Group, 3, tanks gal. .07½ - .07¼
Pennsylvania, tanks gal. .07½ - —
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 3c. tax gal. .14½ - .15½
Decatur, inc. 3c. tax gal. .186 - —
Des Moines, inc. 3c. tax gal. .173 - .183
Evansville, Ind., ex tax gal. .149 - .159
Milwaukee, inc. 4c. tax gal. .188 - .198
Minneapolis-St. Paul, inc. 3c. tax gal. .179 - .189
Newark, ex tax gal. .12½ - —
New York, ex tax lb. .11½ - —
Omaha, ex tax gal. .149 - .159
Philadelphia, ex tax gal. .13 - —
St. Louis, ex tax gal. .142 - .152
Solvent, rubber, at refinery:—
California, 60.2-68.5, 167 i.b.p., 280 e.p., tanks, inc. tax gal. .14 - .14½
62.3, 104 i.b.p., 296 e.p., tanks, inc. tax gal. .14 - .14½
East Coast, tanks gal. .09½ - —
Group 3, light, 120 i.b.p., 250 e.p., tanks gal. .07½ - .07¼
standard, 180 i.b.p., 288 e.p., tanks gal. .07¾ - .07¼
Stoddard (CS 3-28), at refinery):—
East Coast, tanks gal. .09½ - —
Group 3, tanks gal. .06¾ - .07
tankwagon, Boston, ex tax, gal. .13½ - —
Chicago, inc. 3c. tax gal. .14 - .15
Decatur, inc. 3c. tax gal. .14½ - .15½
Des Moines, inc. 3c. tax gal. .163 - .173
Evansville, Ind., ex tax gal. .142 - .152
Milwaukee, inc. 4c. tax gal. .178 - .188
Minneapolis-St. Paul, inc. 3c. tax gal. .164
Newark, ex tax gal. .10½ - —
New Orleans, ex tax gal. .11 - —
New York, ex tax gal. .10½ - —
Oklahoma City, ex tax gal. .12 - .13
Omaha, ex tax gal. .13 - .14
Philadelphia, ex tax gal. .11½ - —
St. Louis, ex tax gal. .11½ - .12½
Tulsa, ex tax gal. .10 - .11
Thinner, at refinery:—
California, 35.5, 300 i.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles gal. .14 - —
Portland, Ore. gal. .15 - —
Richmond gal. .13½ - —
Seattle, Wash. gal. .15½ - —
42-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .12½ - —
Richmond gal. .12 - —
Southern Calif'nia gal. .11½ - —
55, 200 i.b.p., 505 e.p., tanks, f.o.b. El Segundo gal. .13½ - —
Portland, Ore. gal. .14½ - —
Richmond gal. .14 - —
Seattle, Wash. gal. .14½ - —
East Coast, 43-47, tanks gal. .09 - —
47-49, tanks gal. .09 - —
Group 3, tanks gal. .06¾ - .06½
Pennsylvania, tanks gal. .06¾ - —
tankwagon, tax included:—
Albany gal. .125 - —
Baltimore gal. .12 - .15
Bingham, N. Y. gal. .14 - .16
Boston gal. .12 - .13
Bridgeport, Conn. gal. .13 - —
Buffalo gal. .14 - —
Camden, N. J. gal. .11½ - .12
Chicago gal. .152 - .162
Decatur, Ill. gal. .173 -
Des Moines gal. .163 - .173
Evansville, Ind. gal. .142 - .152
Milwaukee gal. .178 - .188
Minneapolis-St. Paul gal. .203 - .213
Newark gal. .10½ -
New York lb. .11 -
Omaha gal. .139 - .149
Philadelphia gal. .115 - .13
Pittsburgh gal. .12 - .14
Providence gal. .12 - .13
Rochester gal. .12 - .14
St. Louis gal. .132 - .142
Syracuse gal. .13 - .15
Trenton gal. .11¼ - .13½
Wilmington, Del. gal. .15 - —
contracts, 1,000 gals. gal. .13 - —
Phenobarbital, bots lb. 4.50 - 4.85

Phenol, USP, dms., c.l. works, frt. equald lb. .14½ - —
l.c.l., same basis lb. .15 - —
tins, c.l., same basis lb. .15½ - —
l.c.l., same basis lb. .16 - —
Phenolphthalein, USP, bbls., dms., 2,000 lbs. lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls. lb. .70 - —
Phenyl chloride, dms. lb. .16 - —
Phenylacetaldehyde, bots. lb. 4.85 - 5.35
Phenylhydrazin hydrochloride, CP, bots., works lb. 3.30 - 5.10
commercial, kgs., works lb. 3.30 - 6.50
pure, bots., works lb. 2.95 - 5.25
Phloroglucinol, CP, tins, works lb. 20.00 - 22.00
tech., tins, works lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines, long ton. 4.35 - —
land pebble, 68% min., bulk, mines, long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines, long ton. 2.85 - —
75% basis, 74% min., bulk mines, long ton. 3.85 - —
Tenn., 72%, bulk, mines, long ton. 4.50 - —
75%, bulk, mines, long ton. 5.50 - —
Phosphorus, red, cs. lb. .40 - .44
Yellow, cs. lb. .28 - .37½
Oxychloride, cyls. lb. .16 - .20
Sesquisulphide, cs. lb. .35 - .42
Trichloride, cyls. lb. .16 - .30
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R. lb. .14½ - —
l.c.l., same basis lb. .15½ - —
Picul leaves, bgs. lb. .06 - .10
Pilocarpine hydrochloride, bots., vls. oz. 2.50 - 2.75
Nitrate, bots., vls. oz. 2.40 - 2.65
Pimento, bgs. lb. .14½ - .15
Pinkroot, bls. lb. .35 - .38
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works ton. 18.00 - —
l.c.l. ton. 22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron ton. 20.00 - 21.00
f.o.b. works ton. 15.00 - —
Linseed, dms. lb. .04½ - .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. bbl. 4.00 - 4.50
Stearin, dms. lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls. lb. .12 - .13
Podophyllin, cns. lb. 3.00 - 3.25
Poke root, bls. lb. .06½ - .07
Pomegranate bark, bgs. lb. .18 - .19
Root bark, bgs. lb. .40 - .41
Poppy flowers, red, bls. lb. .35 - .40
Seed, Dutch, bgs. lb. .06¾ - .07
Hungarian, bgs. lb. .06¾ - .07
Polish, bgs. lb. .06¼ - .06¾
Potash acetate, USP, bbls., kgs. lb. .26 - .29
50% sol., bbls. lb. .08½ - .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .12
gran., bbls. lb. .10 - .13
Bichromate, bbls. lb. .08½ - .09
Binoxalate, dms. lb. .26 - —
Bisulphate, kgs. lb. .15½ - .16
Bromide, bbls. lb. .51 - .53
Carbonate, calc., 99-100%, cks. lb. .06½ - .06¾
96-99%, cks., c.l., Bost., Balto. arrival lb. .06¾ - —
l.c.l., 5 or over, same basis lb. .07½ - —
N. Y. arrival lb. .07½ - —
N. Y. stocks lb. .07½ - —
less than 5, Bost., Balto. arrival lb. .07¼ - —
N. Y. arrival lb. .07¾ - —
N. Y. stocks lb. .07¾ - —
80-85%, cks. lb. .07¼ - .07½
Carbonate, hydrated, 83-85%, bbls., c.l., works lb. .06 - —
l.c.l., 10 or over lb. .06¼ - —
1-9 lb. .06¾ - —
Iquid, dms., dlvd lb. .06¼ - .06¾
USP, gran., bbls. lb. .14 - —
powd., bbls. lb. .17 - —
Caustic, flake, 88-92%, dom., dms., c.l., works lb. .07 - —
l.c.l. lb. .07½ - .07¾
import., dms. lb. .07 - .07¾
liquid, 45% basis, dms. lb. .03¼ - .03½
tanks lb. .02½ - —
solid, 88-92%, dom., dms., c.l., works lb. .06¼ - —
l.c.l. lb. .06½ - .06¾
import., cnks. lb. .06¼ - .06¾
Chlorate, cryst., kgs. lb. .09¼ - .09½
gran., kgs. lb. .12 - .13
powd., kgs. lb. .08½ - .09¼
Chloride, tech., 80%, cryst., bbls. lb. .04 - .04½
Chromate, kgs. lb. .28 - .30
Citrate, USP, gran., bbls. 250 lbs. lb. .36 - —
kgs., 100 lbs. lb. .37 - —
cns., 50 lbs. lb. .38 - —
cns., 25 lbs. lb. .40 - .41
Cyanide, cns., dms. lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs. lb. 1.25 - 1.80
Guaiacolsulphonate, cns. lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns. lb. .36 - .37
Hypophosphite, cns. lb. .72 - .77
Iodate, bbls. lb. 3.20 - 3.25
Iodide, bbls., flb. dms. lb. 1.10 - 1.18
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 30% K_2O, bulk, shipt. unit-ton. .55 - —
Metabisulphite, kgs. lb. .13½ - —
Muriate, dom., all strengths, min. 50% K_2O, bulk unit-ton. .50 - —
import., all strengths, min. 50% K_2O basis 50% K_2O, bulk, c.l.f. ports unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Nitrate, crude, import, bulk ton. No prices.
Oxalate, pure, cryst., kgs. lb. .30 - .31
tech., bbls. lb. .26 - .29
Perchlorate, kgs., works lb. .09 - .11
Permanganate, tech., dms. lb. .18½ - .19
USP, dms. lb. .18½ - .19
Prussiate, red, bbls. lb. .35 - .37
Yellow, bbls. lb. .18 - .19
Silicate alkaline, lump, bags lb. .07 - —
Sulphate, NF, bbls. lb. .13 - .14
tech., 90-95%, min. 90% bgs., shipt., c.l.f. ports ton. 36.25 - —
Vegetable, bulk, f.o.b. Balto. ton. 19.97 Nom
Xanthate, dms., c.l. lb. .18 - —
l.c.l. lb. .18½ - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs. lb. .33 - .35
Prickly ash bark, bls. lb. .12 - .13
Berries, bls. lb. .15 - .16
Prince's pine herb, bls. lb. .17½ - .18

Propane, tanks, G.S. gal. .01½ - .04½
cyls., 100 lbs., G.S. gal. .40 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .18 - .19
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works lb. .03 - —
less than 3, works lb. .03½ - —
F and 1, bbls., 3 or over, works lb. .03½ - —
less than 3, works lb. .04 - —
0, 0½, 0¾, and ½, bbls., 3 or over, works lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., less than 3, works lb. .04½ - —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y. ton. 38.00 - —
l.c.l., 5-39 tons, ex whse. ton. 38.00 - —
1,000-10,000 lbs., ex whse. ton. 39.00 - —
2 bgs. to 1,000 lbs., ex whse. ton. 41.00 - —
single bgs., ex whse. ton. 46.00 - —
Pumpkin seed, bgs. lb. .11 - .14
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.00 - —
linseed oil, raw, dms. 100 lbs. 4.75 - —
refined, dms. 100 lbs. 5.25 - —
standard, dms. 100 lbs. 5.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Sell test) dms. (incl.) frt. alld. E. of Rockies, standard brand gal. 4.25 - 4.60
standard make gal. 4.25 - 4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand gal. 6.25 - 6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over lb. .11½ - —
fine powd., Dalmat., bbls., kgs. lb. .14 - .15
Japan, bbls., 5 tons lb. .14 - —
Pyridin, denaturing, dms. gal. 1.50 - —
redd., 2°, dms. lb. .40 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports unit-ton. .13 - .13
Pyrocatechin, CP, cryst., works flb. dms., tins lb. 2.15 - 2.40
resublimed, flb. dms., tins lb. 4.00 - —

Q

Quassia, chips, bls. lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works lb. .03½ - —
tanks, works lb. .02¾ - —
solid, 63%, bgs., c.l., ex dock, plus duty lb. .03½ - —
clarified, 64%, bgs., c.l., same basis lb. .03¾ - —
Queen of the meadow, bgs. lb. .06 - .07
Root, bgs. lb. .06 - .07
Quercitron, extract, liquid, 61°, bbls. lb. .06 - .06
solid, dms. lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y. flask. 74.00 - 75.00
Quince seed, bgs. lb. .75 - .80
Quinidine, cryst., small, cns. oz. .98 - —
large, cns. oz. .98 - —
pwd., precip., cans oz. .91 - —
Sulphate oz. [illegible]
Quinine, 100 ozs, cns. oz. .74 - —
Acetate, cns. oz. .98 - —
Arsenate, cns. oz. .98 - —
Arsenite, cns. oz. 1.00 - —
Bisulphate, cns. oz. .53 - —
Citrate, cns. oz. .71 - —
Dihydrobromide, bots. oz. .74 - —
Dihydrochloride, bots. oz. .74 - —
Ethylcarbonate, cns. oz. .74 - —
Ferrocyanide, cns. oz. 1.00 - —
Formate, cns. oz. .93 - —
Glycerophosphate, cns. oz. 1.13 - —
Hydrochloride, cns. oz. .66½ - —
Hydrochlorosulphate, cns. oz. .74 - —
Hydroiodide, cns. oz. .98 - —
Hypophosphite, cns. oz. .98 - —
Phosphate, cns. oz. .81 - —
Salicylate, cns. oz. .72 - —
Sulphate, U.S.P. X, cns. oz. .53 - —
U.S.P. XI, cns. oz. .50½ - —
Sulphocarbolate, cns. oz. .96 - —
Tannate, cns. oz. .57 - —
Tartrate, cns. oz. .96 - —
Valerate, cns. oz. .92 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls. lb. .52 - .57
Rapeseed, Belgian, bgs. lb. .05 - .05½
Dutch, bgs. lb. .05½ - .05¾
Japanese, bgs. lb. .05 - .05½
Raspberries, dried, bbls. lb. .55 - .60
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; 1c. higher dlvd. Pac. coast; 1½c higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld. lb. .80 - —
smaller lots, same basis lb. .85 - —
kgs., ton lots, same basis lb. .85 - —
smaller lots, same basis lb. .90 - —
light shade, bbls., ton lots, same basis lb. .65 - —
smaller lots, same basis lb. .70 - —
kgs., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
light-medium shade, bbls., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
kgs., ton lots, same basis lb. .75 - —
smaller lots, same basis lb. .80 - —
maroon shade, bbls., ton lots, same basis lb. .90 - —
smaller lots, same basis lb. .95 - —
kgs., ton lots, same basis lb. .95 - —
smaller lots, same basis lb. 1.00 - —
medium shade, bbls., ton lots, same basis lb. .75 - —
smaller lots, same basis lb. .80 - —
kgs., ton lots, same basis lb. .80 - —
smaller lots, same basis lb. .85 - —

Red, cadmium, selenide, bbls., c.l., works..lb. 2.00 - —
l.c.l., works..lb. 2.50 - —
Orange, bbls., c.l., works..lb. 1.50 - —
l.c.l., works..lb. 1.75 - —
Carmine 40, cns., 300 lbs..lb. 4.00 - —
100 lbs..lb. 4.15 - —
11 lbs..lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs..lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .06¾- —
80%-85%, bbls., same basis..lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order..lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.05 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.19 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .03½- —
l.c.l., works..lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .03¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs..lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs..lb. 1.50 - 2.00
Rose lake, bbls..lb. .20 - .30
Pink, bbls..lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.lb. .03½- —
f.o.b. St. Louis..lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03¾- —
St. Louis..lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .04¼- —
2 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .02¾- —
f.o.b. St. Louis..lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, Phila..lb. .03 - —
St. Louis..lb. .03¼- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .04¼- —
8, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265- —
f.o.b. St. Louis..lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290- —
St. Louis..lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis..lb. .25¼- —
2, bbls., same basis..lb. .30½- —
3, bbls., same basis..lb. .23½- —
4, bbls., same basis..lb. .33½- —
5, bbls., same basis..lb. .24 - —
6, bbls., same basis..lb. .24 - —
7, bbls., same basis..lb. .24 - —
8, bbls., same basis..lb. .28 - —
9, bbls., same basis..lb. .31½- —
10, bbls., same basis..lb. .18¾- —
Venetian, bbls., works..lb. .0190- —
10%, bbls., works..lb. .0215- —
12%, bbls., works..lb. .02¼- —
20%, bbls., works..lb. .02½- —
25%, bbls., works..lb. .02¾- —
30%, bbls., works..lb. .03 - —
35%, bbls., works..lb. .0335- —
40%, bbls., works..lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 50% lbs..lb. 1.52 - —
smaller lots..lb. 1.53 1.65
Red dyes are listed under Dyes.
Red precipitate, bxs., fib. dms., kgs., 100-lbs..lb. 1.44 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs., works..lb. 1.50 - 1.55
Rhatany root, bgs..lb. .09 - .10
Rhodinol, bots..lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .80 - .81
powd., bbls., kgs..lb. .84 - .85
Rochelle salt, cryst., bbls..lb. .14 - —
powd., bbls..lb. .13 - —
Rose flowers, pale, bls..lb. .22 - .24
Red, bls..lb. 2.00 - 2.10
Water, triple..djn. 4.75 - 5.00
Rosemary flowers, bls..lb. .35 - .40
Leaves, bls..lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 6.85 - —
D, bbls..280 lbs. 7.25 - —
E, bbls..280 lbs. 7.27½- —
F, bbls..280 lbs. 7.27½- —
G, bbls..280 lbs. 7.27½- —
H, bbls..280 lbs. 7.27½- —
I, bbls..280 lbs. 7.27½- —
K, bbls..280 lbs. 7.27½- —
M, bbls..280 lbs. 7.27½- —
N, bbls..280 lbs. 7.40 - —
W. G., bbls..280 lbs. 7.85 - —
W. W., bbls..280 lbs. 8.50 - —
X, bbls..280 lbs. 8.55 - —
Rosin, wood, F.F., bbls., spot, 280 lbs. 6.87 - 7.90
works..280 lbs. 6.15 - —
I, bbls., spot..280 lbs. 7.12 - 8.15
works..280 lbs. 6.40 - —
M, bbls., spot..280 lbs. 7.32 - 8.35
works..280 lbs. 6.60 - —
N, bbls., spot..280 lbs. 7.82 - 8.85
works..280 lbs. 7.10 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.55.00 - —
l.c.l., ex whse..ton.50.00 - —
import., lump, bbls..lb. .12 - —
powd., bbls..lb. .08¼- .10
Rue, bls..lb. .21 - .22

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Sabadilla seed, powd., bbls....lb. .21 — .22
Saccharin, cns., 1,000 lbs..lb. 1.70 - —
smaller lots..lb. 1.75 - 1.80
Safflower, bls..lb. .22 - .25
Saffron, Mexican, bls..lb. .50 - .55
Spanish, tins..lb. 17.00 -18.00
Safrol, cns..lb. .57 - —
dms..lb. .54 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls..lb. .06½- .06¾
Sago flour, bgs..lb. .09¾- .09¾
Salicin, cns..lb. 4.00 - 4.25
Salol, kgs..lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y..ton.14.08 -14.58
l.c.l., dlvd. N.Y..ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -20.00
bulk, works..ton.12.00 -16.00
import, bulk, c.i.f..ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l..100 lbs. 6.90 - 7.05
5-24..100 lbs. 7.00 - 7.75
1-4..100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l..100 lbs. 5.90 - —
5-24..100 lbs. 6.00 - —
1-4..100 lbs. 6.25 - —
powd., bbls., 25 to c.l..100 lbs. 6.90 - —
5-24..100 lbs. 7.00 - —
1-4..100 lbs. 7.25 - —
Santonin, cryst., cns..lb. 43.00 -45.00
Saponin, cns..lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls..lb. .45 - .50
Mexican, bls..lb. .11 - .12
Sassafras bark, ord., bls..lb. .11 - .12
select, bls..lb. .19 - .21
Savory, bls..lb. .07 - .07½
Saw palmetto berries, bgs..lb. .18 - .20
Scammony root, bgs..lb. .06 - .07
Schaeffer's salt, bgs..lb. .48 - .50
Seidlitz mixture, bbls..lb. .11¼- —
kegs..lb. .11¾- —
Senega root, bls..lb. .36 - .38
Senna leaves, Alexandria, bls..lb. .09 - .10
Tinnevelly, No. 1, bls..lb. .12 - .13
2, bls..lb. .09 - .10
3, bls..lb. .06 - .07
powd., bbls., bxs..lb. .09 - .10
siftings, bls..lb. .09 - .10
Pods, bls..lb. .06 - .07
Serpentaria root, bls..lb. .50 - .52
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .19
dlvd. Boston..lb. .18¼- .19½
Chicago..lb. .19 - .20
Pacific Coast..lb. .21 - .22
refd., bbls., f.o.b. N.Y..lb. .27 - —
dlvd. Boston..lb. .27½- —
Chicago..lb. .28 - —
Pacific Coast..lb. .30 - —
Garnet, bgs..lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago..lb. .16½- .17
Pacific Coast..lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago..lb. .15½- .16
Pacific Coast..lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls..gal. .85 - 1.00
4-lb. cut, bbls..gal. .80 - .95
white, 5-lb. cut, bbls..gal. 1.05 - 1.20
4½-lb. cut, bbls..gal. 1.00 - 1.15
4-lb. cut bbls..gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works, ton.20.00 - —
l.c.l., 2½ tons, works, ton.21.50 - —
smaller lots, works, ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., 2½ tons, works, ton.36.50 - —
smaller lots, works, ton.38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works, ton.21.00 - —
l.c.l., 2½ tons, works, ton.22.50 - —
smaller lots, works, ton.24.00 - —
95-97% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.23.50 - —
smaller lots, works, ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots..ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works..ton.17.00 - —
Silver, bullion..oz. .44¾- —
Govt. purchase..oz. .7757- —
Nitrate, vis..oz. .32¾- .34¼
Nucleinate, cns., 500 oss..oz. .25 - .26
Proteinate, cns., 500 oss..oz. .54 - .55
Simarubra bark, bls..lb. .28 - .30
Skatol, bots..oz. 4.00 -10.00
Skullcap, Eastern, bls..lb. .16 - .17
Western, bls..lb. .14 - .15
Skunk cabbage root, bls..lb. .11 - .12
Slate flour, bgs., c.l., works, ton. 9.00 - —
l.c.l., works..ton.10.00 -15.00
Sloe berries, bgs..lb. .11 - .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls..lb. .06¼- .07
Snakeroot, Canad., bls..lb. .24 - .26
Soapoark, bls..lb. .07 - .08
crushed, bls., bbls..lb. .11 - .12
cut, bls., bbls..lb. .09 - .10
powd., bbls..lb. .13 - .14
Soda abietate, dms..lb. .08 - —
Acetate, anhyd., dms..lb. .09½- .12
flake, 60%, dms..lb. .04½- .07
Alginate, dms..lb. .64 - —
Antimoniate, bbls..lb. .12 - .12½
Arsenate, dms..lb. .09½- .11¾
Arsenite, liq., dms..lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1..100 lbs. 2.13 - —
1A..100 lbs. 2.18 - —
2..100 lbs. 2.23 - —
3..100 lbs. 2.53 - —
4..100 lbs. 2.98 - —
5..100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1..100 lbs. 2.37 - —
1A..100 lbs. 2.42 - —
2..100 lbs. 2.52 - —
3..100 lbs. 2.77 - —
4..100 lbs. 3.17 - —
5..100 lbs. 2.47 - —
bulk, c.l., works..100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1..100 lbs. 2.06 - —
1A..100 lbs. 2.13 - —
2..100 lbs. 2.23 - —
3..100 lbs. 2.45 - —
4..100 lbs. 2.88 - —
5..100 lbs. 2.20 - —
Soda ash, extra light, 58%, bbls., c.l..100 lbs. 1.60 - —
l.c.l., Zone 1..100 lbs. 2.47 - —
1A..100 lbs. 2.52 - —
2..100 lbs. 2.62 - —
3..100 lbs. 2.67 - —
4..100 lbs. 2.77 - —
5..100 lbs. 2.87 - —
bulk, c.l..100 lbs. 1.05 - —
li,ht, 58%, bgs., c.l., works. 100 lbs. 1.20 - 1.23
l.c.l., Zone 1..100 lbs. 2.08 - —
1A..100 lbs. 2.13 - —
2..100 lbs. 2.28 - —
3..100 lbs. 2.48 - —
4..100 lbs. 2.68 - —
5..100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1..100 lbs. 2.37 - —
1A..100 lbs. 2.42 - —
2..100 lbs. 2.52 - —
3..100 lbs. 2.77 - —
4..100 lbs. 3.17 - —
5..100 lbs. 2.47 - —
bulk, c.l..100 lbs. 1.05 - —
Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. H. States (in Me., M.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), Ill. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, USP, kgs..lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y...100 lbs. 2.55 - —
kgs., c.l..100 lbs. 2.10 - —
l.c.l., dlvd. N.Y...100 lbs. 2.80 - —
Bichromate, csks..lb. .06½- .07
Bifluoride, bbls..lb. .11¼- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works..100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls..lb. .31 - .32
Cacodylate, jars..lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works..100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A..100 lbs. 4.05 - —
2..100 lbs. 4.15 - —
3..100 lbs. 4.40 - —
4..100 lbs. 4.60 - —
5..100 lbs. 4.05 - —
electro, process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A..100 lbs. 3.65 - —
2..100 lbs. 3.75 - —
3..100 lbs. 4.00 - —
4..100 lbs. 4.40 - —
5..100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06½- —
l.c.l., works..lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works..lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 225 lbs..lb. .22 - —
cns., 50 lbs..lb. .24 - —
25 lbs..lb. .26 - .27
kgs., 100 lbs..lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .28½- —
cns., 50 lbs..lb. .30½- —
25 lbs..lb. .32½- .33½
kgs., 100 lbs..lb. .29½- —
powd., bbls., 250 lbs..lb. .29 - —
cns., 50 lbs..lb. .31 - —
25 lbs..lb. .33 - .34
kgs., 100 lbs..lb. .30 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs..lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis..lb. .08 - —
1-4, same basis..lb. .08¼- —
95% bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis..lb. .08½- —
1-4, same basis..lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns..lb. .90 - —
50%, cns..lb. .65 - —
Hydrosulphite, bbls..lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns..lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls..100 lbs. 2.50 - 3.05
gran., bbls..100 lbs. 2.75 - 3.30
Iodate, jars..lb. 5.02 - 5.07
Iodide, jars..lb. 1.90 - 1.95
Metanilate, kgs..lb. .41 - .49
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd..100 lbs. 3.15 - 3.75
gran., bbls., c.l., works. 100 lbs. 2.15 - —
l.c.l., dlvd..100 lbs. 2.55 - 3.15
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs..lb. .65 - .70
Monohydrated, bbls..100 lbs. 2.60 - —
works..100 lbs. 2.30 - —
Naphthenate, bbls..lb. .09 - —
Naphthionate, bbls..lb. .52 - .54
Nitrate, crude, 100 lb.-bgs. Aug. dlvy, fert. mfrs. indust. buyers, ports..ton.26.50 - —
200 lb.-bgs., same basis..ton.25.50 - —
bulk, same basis..ton.24.50 - —
rfd., gran., bbls..100 lbs. 2.25 - —
powd., bbls..lb. .05½- —

Red, Cadmium—Sugar, Milk

Soda nitrite, 96-98%, dom., bbls., c.l..lb. .0710- .0735
l.c.l..lb. .0695-.1175
Oxalate, neut., bbls., kgs..lb. .09 - .11
Perborate, NF, bbls..lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..100 lbs. 2.19 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l..100 lbs. 6.95 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.60 - —
bbls., c.l. dlvd E....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs, c.l., dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.
Picramate, kgs..lb. .67 - .80
Prussiate, yellow, dom., bbls., works, contracts..lb. .11¼- —
prompt shipmt..lb. .12 - .13
import, cks., contracts...lb. .11¼- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls..lb. .09½- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.20 - —
works..100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works..100 lbs. 1.10 - —
Salicylate, bxs..lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .07 - .07¼
import, bbls..lb. .07 - .07¼
Stannate, dms..lb. .28½- .31½
Stearate, lump, bbls, works..lb. .20 - —
powd., bbls., works..lb. .26 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt. equald. 100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l., works. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs..lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs..lb. 1.30 - 1.40
tech., kgs..lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .35 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works. gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls..lb. .24 - .25
Spikenard root, bls..lb. .10 - .12
Spruce extract, bbls., works...lb. .01½- —
tanks, works..lb. .01 - —
powd., bgs..lb. .04 - —
super, bbls., works..lb. .01¾- —
tanks, works..lb. .01¾- —
Squawvine leaves, bls..lb. .14 - .15
Squill, red, bls..lb. .14 - .15
White, bls..lb. .07 - .08
powd., bbls., bxs..lb. .14 - .15
St. Ignatius beans, bgs..lb. .45 - .50
St. John's bread, bls..lb. .06 Nom.
Starch, corn, pearl, bgs...100 lbs. 4.19 - 4.30
powd., bgs..lb. 4.31 - 4.51
Iodide, bots..lb. 1.87 - 1.92
Potato, dom., bgs..lb. .04½- .06¾
import, bgs..lb. .05¾- .06
Rice, bbls..lb. .07¼ Nom.
Wheat, bgs..lb. .06¾- .09¾
Stavesacre seed, bgs..lb. .35 - .40
Stearin, oleo, bbls..lb. .10¼- .10¾
Stillingia root, bls..lb. .07 - .08
Stonecrot, bls..lb. .06½- .07
Storax, cs..lb. .25 - .26
Stramonium leaves, bls..lb. .07 - .08
Seed, bgs..lb. .09 - .10
Strontium bromide, bbls..lb. .50 - .51
Carbonate, pure, bbls..lb. .30 - .31
Iodide, jars..lb. 2.50 - 2.65
Nitrate, dom., works, bbls...lb. .08 - .09
import., cks..lb. .08 - .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns..oz. .38 - .41
Acetate, cns..oz. .64 - —
Arsenate, cns..oz. .66 - —
Arsenite, cns..oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns..oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns..oz. .32 - .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring, bbls.....gal. .60 - .65
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10 .....lb. .16 - .18

Sulphonethylmethane—Uva Ursi

Sulphonethylmethane, kgs.	lb.	6.75	- 8.50
Sulphonmethane, kgs.	lb.	5.25	- 5.50
Sulphur, crude, bulk, 1,000 tons, mines, contracts	long ton.	18.00	- —
less than 1,000 tons, mines, contracts	long ton.	20.00	- —
c.l., spot, nearby	long ton.	21.00	- —
ex vessel, Balto., N. Y., Phila., Southern ports,	long ton.	22.00	-25.00
Bost., Portland	long ton.	22.50	-25.50
flowers, bgs.	100 lbs.	3.00	- 3.75
bbls.	100 lbs.	3.85	- 4.10
Ref., broken, bgs.	100 lbs.	2.15	- 2.90
bbls.	100 lbs.	2.20	- 3.05
flour, com'l, bgs.	100 lbs.	1.60	- 2.35
bbls.	100 lbs.	1.95	- 2.70
rfd., ext. fine, bbls.	100 lbs.	3.20	- 3.90
heavy, bgs.	100 lbs.	2.55	- 3.30
bbls.	100 lbs.	2.90	- 3.65
light, bgs.	100 lbs.	2.65	- 3.40
bbls.	100 lbs.	3.00	- 3.75
roll, bgs.	100 lbs.	2.35	- 3.10
bbls.	100 lbs.	2.50	- 3.25
Sulphur chloride, dms., works	lb.	.03½	- .04
tanks, works	lb.	.03	- .04
Dioxide, liq., com'l, cyls., wks.	lb.	.07	- .09
multi-unit cars, works	lb.	.04½	- .07
tanks, works	lb.	.04	- .05
refrigeration, cyls., works	lb.	.11	- .15
multi-unit cars, works	lb.	.07½	- .10
Iodide, bots., jars	lb.	3.80	- 3.85
Sumac, Sicilian, grd, bgs.	ton.	60.00	- —
Extract, 43°, bbls.	lb.	.04½	- .05½
51°, bbls.	lb.	.05½	- .05½
Stainless, bbls.	lb.	.03½	- .03½
Leaf, Sicilian, bls.	ton.	65.00	- —
Sunflower seed, Calif., large, bgs.	lb.	.07	- .07¼
medium, bgs.	lb.	.06¼	- .07
poultry, bgs.	lb.	.05½	- .06
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto.	ton.	8.00	- —
run-of-pile, basis 16%, bulk, same basis	ton.	7.50	- —
triple, 44-45% a.p.a., bulk, f.o.b. Balto.	unit-ton.	.70	- —

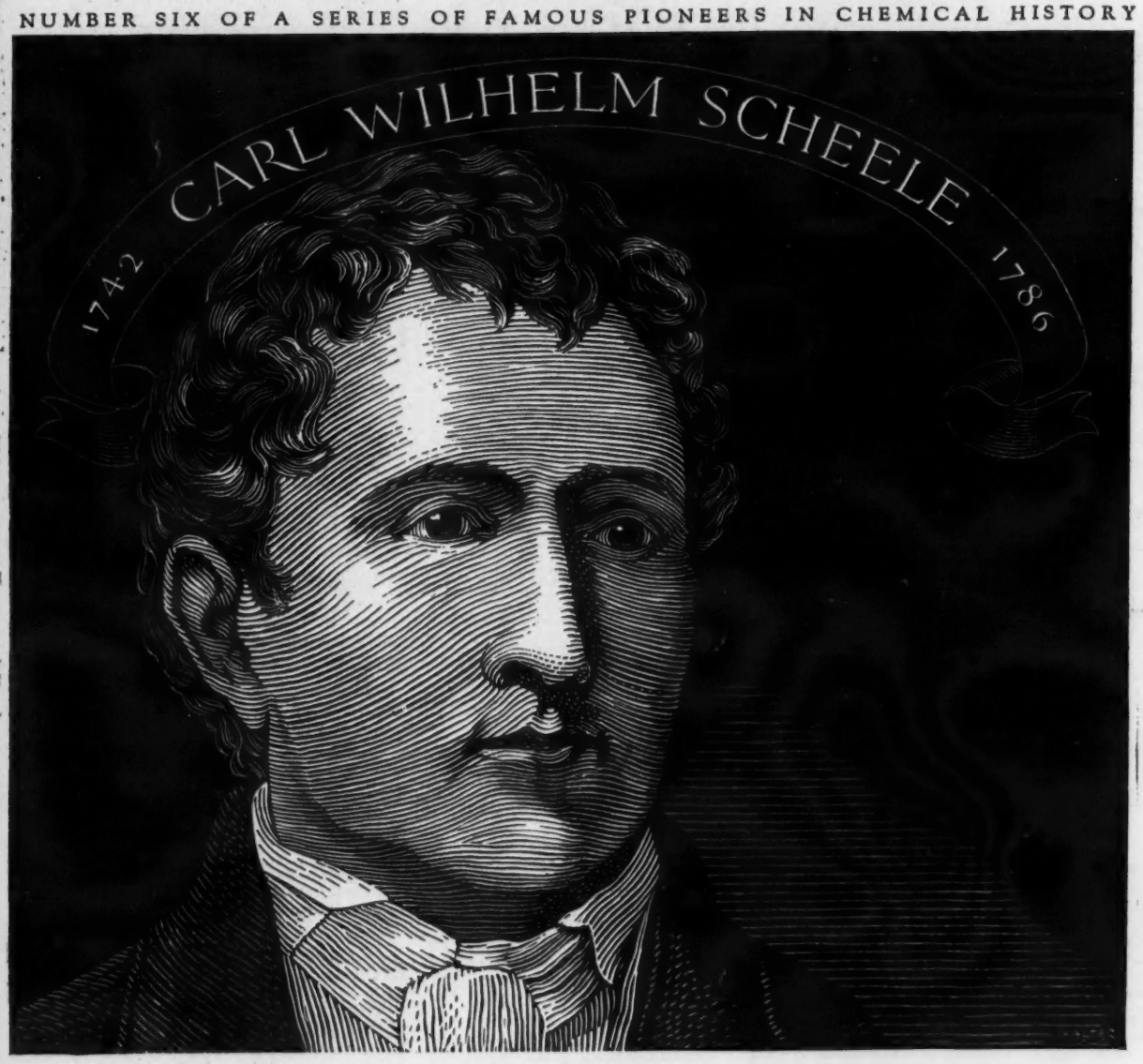
T

Talc, dom., Calif., 1, bgs., c.l., mills	ton.	20.00	- —
2, bgs., c.l., mills	ton.	17.00	- —
N.Y., fibrous, 93-94% 325 mesh, bgs., c.l., mills	ton.	13.00	- —
l.c.l., mills	ton.	15.00	- —
96-98% 325 mesh, bgs., c.l., mills	ton.	14.00	- —
l.c.l., mills	ton.	16.00	- —
coarse, off color, bgs., c.l., mills	ton.	10.00	- —
Ohio, alum-magn. type, grd. bgs., c.l., mills	ton.	21.00	- —
l.c.l., mills	ton.	24.50	- —
Vermont, bgs., c.l., mills	ton.	14.00	- —
l.c.l., ex whse.	ton.	25.00	- —
import., Canad., bgs., c.l., dlvd.	ton.	28.00	- —
l.c.l., dlvd.	ton.	28.50	- —
French, high-grade, bgs., l.c.l., ex whse.	ton.	45.00	-60.00
ordinary, bgs., c.l., ex dock, arrival	ton.	28.00	-35.00
l.c.l., ex whse.	ton.	27.50	-32.50
Italian, 1, bgs., ex dock, arrival	ton.	75.00	-77.00
ex whse.	ton.	85.00	- —
2, bgs., ex dock, arrival	ton.	70.00	-72.00
ex whse.	ton.	75.00	-
Tallow, animal, edible, bbls.	lb.	.08¾	Nom.
extra loose, works	lb.	.06⅝	- —
special, loose, works	lb.	.06½	- —
sulphonated, 35% (24% fat), dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.06½	- —
50% (45% fat), dms., c.l.	lb.	.06½	- —
l.c.l.	lb.	.07	- —
50% (48% fat), dms., c.l.	lb.	.07	- —
l.c.l.	lb.	.07½	- —
Tamarinds, W. I., bbls.	lb.	.05½	- .06
kegs	keg	4.00	- 5.00
Tankage, animal, dom., grd., 10-15%, bulk	unit-ton.	4.00	- .10
ungr., 10-15%, bulk	unit-ton.	3.75	& .10
fertilizer grade, 11-15%, bulk, Chicago	unit-ton.	3.50	& .10
high-grade, feeding, 11-12%, bulk, Chicago	unit-ton.	4.50	& .10
import., S. Amer., bulk, c.i.f. ports, Aug. shipt.	unit-ton.	No prices	
Tansy leaves, bls.	lb.	.18	- .20
Tapioca flour, bgs.	lb.	.03½	- .05½
Tar, pine, retort, bbls., dlvd. ports	gal.	.26	- —
dms., c.l., dlvd. E. cities	gal.	.26	- —
dlvd. ports	gal.	.25	- —
tanks, dlvd. E. cities	gal.	.20	- —
Tar acid oil, 15%, dms.	gal.	.22½	- .23½
25%, dms.	gal.	.24½	- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.24½	- —
less than 5	lb.	.25	- —
powd., bbls., 5 or more	lb.	.24½	- —
less than 5	lb.	.25	- —
U.S.P. powd., bbls.	lb.	.30	- .35½
Terebene, cns.	lb.	.70	- .75
Terpenyl acetate, cns.	lb.	.85	- 1.00
Terpin hydrate, kgs.	lb.	.45	- .46
Terpineol, CP, cns.	lb.	.26	- —
dms.	lb.	.23	- —
Alpha, denat. grade, dms., c.l.	lb.	.14¾	- —
contracts	lb.	.13½	- —
tanks	lb.	.14	- —
contracts	lb.	.13	- —
Terra alba (see Gypsum).			
Tetrachloroethane, dms., works	lb.	.06	- .06½
Tetrachloroethylene, CP, dms.	lb.	.35	- .36
tech., dms.	lb.	.10	- .10½
Tetralin, dms.	lb.	.12	- —
Theobromine, cns.	lb.	1.85	- 1.95
Sodiosalicylate, cns.	lb.	1.65	- 1.75
Thiocarbanilide, dms.	lb.	.20	- —
Thorium nitrate, cs., works	lb.	2.20	- —
Thyme, French, bls.	lb.	.11½	- .11¾
Thymol, bots., 100 lbs.	lb.	1.55	- —
smaller lots	lb.	1.60	- 1.85
Iodide, kgs.; 50 lbs.	lb.	3.15	- 3.20
25 lbs.	lb.	3.25	- 3.30
Tin, crystals, bbls., kgs.	lb.	.33½	- .34
Metal, Straits	lb.	.42¼	- —
Oxide, bbls.	lb.	.47	- .49
Tetrachloride, anhyd., bbls.	lb.	.21¾	- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld.	lb.	.17	- —
Pac. cst., f.o.b. terminal	lb.	.17	- —
l.c.l., 5 tons, E., dlvd.	lb.	.17½	- —
Pac. cst., ex whse.	lb.	.17½	- —
1 ton, E., dlvd.	lb.	.18	- —
Pac. cst., ex whse.	lb.	.18	- —
50 lbs., E., dlvd.	lb.	.18¼	- —
Pac. cst., ex whse.	lb.	.18¼	- —
bbls., c.l. (20 tons), E., frt. alld.	lb.	.17¼	- —
l.c.l., 5 tons, E., dlvd.	lb.	.17¾	- —
1 ton, E., dlvd.	lb.	.18¼	- —
50 lbs., E., dlvd.	lb.	.18¾	- —
pigment, barium base, bgs., c.l. (20 tons), E. frt. alld.	lb.	.06	- —
Pac. cst., f.o.b. terminal	lb.	.06	- —
l.c.l., 5 tons, E., dlvd.	lb.	.06	- —
Pac. cst., ex whse.	lb.	.06	- —
smaller lots, Pac. cst., ex whse.	lb.	.06¼	- —
50 lbs., E., dlvd.	lb.	.06¼	- —
bbls., c.l. (20 tons), E., frt. alld.	lb.	.06¼	- —
l.c.l., 5 tons, E., dlvd.	lb.	.06¼	- —
50 lbs., E., dlvd.	lb.	.06½	- —
calcium base, c.l. (20 tons), E. frt. alld.	lb.	.06	- —
Pac. cst., f.o.b. terminal	lb.	.06	- —
l.c.l., 5 tons, E., dlvd.	lb.	.06	- —
Pac. cst., ex whse.	lb.	.06	- —
smaller lots, Pac. cst., ex whse.	lb.	.06¼	- —
50 lbs., E., dlvd.	lb.	.06¼	- —
bbls., c.l. (20 tons), E., frt. alld.	lb.	.06¼	- —
l.c.l., 5 tons, E., dlvd.	lb.	.06¼	- —
50 lbs., E., dlvd.	lb.	.06½	- —
Tolidin base, kgs.	lb.	.88	- .90
distilled, kgs.	lb.	.95	- 1.00
Tolu balsam, cns.	lb.	.50	- .55
Toluidin, mixed, dms.	lb.	.27	- .28
Toluol (toluene), pure, dms., works	gal.	.35	- —
tanks, E. of Omaha, frt. alld.	gal.	.30	- —
W. of Omaha, works	gal.	.30	- —
Tonga vine, NF, bls.	lb.	.35	- .40
Tonka beans, Angostura, cks.	lb.	2.50	- 2.60
Triacetin, dms.	lb.	.36	- —
Triamylamine, dms., l.c.l., works.	lb.	1.25	- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.089	- —
W. of Rockies	lb.	.099	- —
l.c.l., works, frt. alld. E. of Rockies	lb.	.094	- —
W. of Rockies	lb.	.104	- —
Tricresyl phosphate, CP, cns., dlvd.	lb.	.46½	- —
dms., c.l., dlvd.	lb.	.32½	- —
500 lbs., dlvd.	lb.	.36½	- —
tech., 1, cns., dlvd.	lb.	.35	- —
dms., c.l., dlvd.	lb.	.23	- —
500 lbs. dlvd.	lb.	.25	- —
2, cns., dlvd.	lb.	.33	- —
dms., c.l., dlvd.	lb.	.21	- —
500 lbs., dlvd.	lb.	.23	- —
Triethanolamine, dms., works	lb.	.26	- .30
Triphenyl phosphate, dms.	lb.	.37	- .39
Triphenylguanidin, dms.	lb.	.58	- .60
Tripoli, air-floated, bgs., c.l., works	ton.	27.50	- —
l.c.l., ex whse. N.Y.	ton.	40.00	- —
1 ton, works	ton.	30.00	- —
1 bg., works	bag.	4.00	- —
double-grd., bgs., c.l., works	ton.	18.00	- —
l.c.l., 1 ton, works	ton.	22.50	- —
1 bg., works	bag.	3.50	- —
once-grd., bgs., c.l., works	ton.	16.00	- —
l.c.l., 1 ton, works	ton.	20.00	- —
1 bg., works	bag.	3.00	- —
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten meta' powd., 98%, dms.	lb.	1.80	- 1.90
Oxide, CP, kgs.	lb.	2.65	- 2.75
tech., kgs.	lb.	1.65	- 1.75
Turmeric root, Alleppy, bgs.	lb.	.06¼	- .06¾
Madras, bgs.	lb.	.06	- .06½
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.43¾	- —
l.c.l., 10, ex dock	gal.	.45¾	- —
3, ex dock	gal.	.47¾	- —
wood, dest.-dist., dms., c.l., dlvd. E. ports	gal.	.36	- —
l.c.l., same basis	gal.	.38	- —
tanks, dlvd. E. cities	gal.	.31	- —
steam-dist., dms., c.l., dlvd.	gal.	.43	- —
l.c.l., dlvd.	gal.	.46	- —
tanks, dlvd.	gal.	.38	- —

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium oxide, kgs.	lb.	1.50	- —
Urea, dom., 46 + %, N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
pure, cs.	lb.	.14½	- .15¼
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports,	unit-ton.	No prices	
Uva ursi leaves, bls.	lb.	.06	- .07

NUMBER SIX OF A SERIES OF FAMOUS PIONEERS IN CHEMICAL HISTORY



IN 1774 Scheele, the Swedish pharmacist, while investigating the properties of manganese dioxide, accidentally produced chlorine. Not recognizing the gas as a new element, Scheele named it "dephlogisticated muriatic acid" in accordance with the "phlogiston" theory of that time. It was some years, however, before Scheele's discovery found commercial application in the form of chloride of lime or bleaching powder, and nearly one hundred and fifty years before the wide usefulness of chlorine was fully realized. Ever since the advent of liquefied chlorine gas, early in the present century, Mathieson has been a pioneer in new developments connected with the production, distribution and efficient application of chlorine and chlorine products.

One of the unique distinctions gained by Scheele was an election to the Swedish Academy of Science, an honor never accorded, before or since, to a student of pharmacy. The greatest chemical discoverer of his age, Scheele's accomplishments were the more striking in contrast with their background. An obscure apothecary, living a solitary life in a small town on the shore of a Scandinavian lake, he was constantly harassed by poverty and debt and was at times the victim of the most depressing melancholy.

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SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH AND HTH-15 . . .

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AMMONIA, ANHYDROUS AND AQUA . . . PH-PLUS (FUSED ALKALI) . . . SOLID CARBON DIOXIDE . . . CCH (INDUSTRIAL HYPOCHLORITE)

V

Valerian root, USP, bls..... .11 - .13
Valonia, beards, bgs., shipt..ton.46.00 -55.00
Cups, bgs., shipt.....ton.35.00 -42.00
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.40
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins,100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.25
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs.....lb. .24 - Nom.
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.29.00 -30.00
Extract, 60°, bbls.....lb. .03½- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25
Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .16 - .17
jobbing lots.....lb. .16½- .17½
Carnauba, chalky 3, bgs., 1 ton. lb. .35¼- .35¾
5 bgs.....lb. .35¾- .36¼
1 bg.....lb. .36¼- .36¾
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .35¼- .35¾
5 bgs.....lb. .35¾- .36¼
1 bg.....lb. .36¼- .36¾
refined, bgs.....lb. .40 - .41
yellow, 1, bgs., 1 ton.....lb. .46 - .46½
5 bgs.....lb. .46½- .47
1 bg.....lb. .47 - .47½
yellow, 2, bgs.....lb. .45 - .45½
Ceresin, dom., 138°-140° m.p. bgs, 1 ton..lb. .09 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .43 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton.lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
yellow, natural, 176° m.p., bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .08¼- .08¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11¼
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 60°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib. dms..lb. 1.48 - —
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
glider's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -26.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to 32 per ton..ton.10.00 - —
99.75% 200 mesh, bgs., c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-98% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .05¼
rossed, green, bls.....lb. .06 - .06¼
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock.ton.25.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 2.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. .90 - .95
Yellow, bbls., works.....lb. .90 - —
Chrome, CP, bbls., dlvd. N of Tenn. and N.C. E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul, contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles. lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle..lb. .0225- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .03¼- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, N. Y.....lb. .02¾- —
S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03½- —
Pitsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03½- —
f.o.b. Bethlehem, Easton..lb. .03½- —
N.Y., from dock...lb. .02¾- —
from whse.....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Yellow Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.65

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers .....lb. .09¾- .13¾
jobbers, E. of Rockies.lb. .09½- .11¼
l.c.l., consumers, 5,000 lbs. or over..lb. .10½- .13¼
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11¼- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13¼
1,000-5,000 lbs.....lb. .10½- .13¾
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .16¼
USP, precip., powd., bbls..lb. .81 - .82
Zinc, chloride, fused, dms., works..lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .03 - —
Cyanide, bbls., works.....lb. .36 - .37
Dust, bbls., c.l., dlvd.....lb. .0680- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0755- —
less than 10,000 lbs., dlvd. lb. .0805- —
Fluoride, bbls.....lb. .20 - .26
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse.,Pac.cst..lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 5%, 35%, 50%, bgs., c.l., dlvd..lb. .04½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst. lb. .05½- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex-whse.,Pac. cst.lb. .06½- —
red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05¾- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex-whse..Pac. cst.lb. .07 - —
import., gold seal, cks., ex dock..lb. .10¾- 11½
green seal, bbls.,1-15 tons, ex dock..lb. .07½- .09¾
ex whse.....lb. .07¾- .09¾
red seal, bbls., 1-15 tons, ex dock..lb. .08¾- —
ex whse.....lb. .09 - —
white seal, cks., lots of 8, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock.lb. .10 - —
ex whse.....lb. .10¼- —
USP, bbls., c.l.....lb. .06 - —
l.c.l. .....lb. .06¼- —

Valerian Root—Zircon. Oxide

Zinc palmitate, bbls.....lb. .22 - .23
Resinate, fused, pale, bbls..lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., cans, c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
1,000-2,000 lbs.....lb. .21 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .20 - .22
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.15 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.30 - —
flake, ogs., c.l.....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.70 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 4.85 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .10½- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb. .11 - —
1 ton, same basis.....lb. .11¼- —
smaller lots, same basis.lb. .11½- —
bbls., c.l. (20 tons), dlvd..lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb. .11¼- —
1 ton, same basis.....lb. .11½- —
smaller lots, same basis.lb. .11¾- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, cks...lb. .0465- .05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb. .08¾- —
l.c.l., dlvd. except Pac. cst..lb. .04¼- —
ex whse., Pac. cst....lb. .04¼- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¾- .04¼
white, 98%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the August 3 issue; the next printing will be in the September 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 33.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Home Products Corp.....	Com.	M.	20c.	Sept. 1	Aug. 15
Archer-Daniels-Midland Co.....	Com.	..	50c.	Sept. 1	Aug. 21
Atlantic Refining Co.....	Com.	Q.	25c.	Sept. 15	Aug. 21
Borden Co.....	Com.	Q.	40c.	Sept. 1	Aug. 15
Buckeye Pipe Line Co.....	Com.	Q.	75c.	Sept. 15	Aug. 21
California Ink Co.....	Com.	Q.	50c.	Oct. 1	Sept. 21
California Ink Co.....	Com.	Ext.	12½c.	Oct. 1	Sept. 21
Calumet & Hecla Consol. Copper Co.	Com.	..	25c.	Oct. 1	Sept. 1
Compania Swift International.....	DC	S.	$1.00	Sept. 1	Aug. 15
Consolidated Oil Corp.....	Pfd.	Q.	$1.25	Sept. 1	Aug. 15
Copperweld Steel Co.....	Com.	Q.	20c.	Aug. 31	Aug. 15
Diamond Match Co.....	Com.	..	50c.	Sept. 1	Aug. 15
Diamond Match Co.....	Pfd.	S.	75c.	Sept. 1	Aug. 15
Dr. Pepper Co.....	Com.	Q.	65c.	Sept. 1	Aug. 18
Du Pont (E. I.) de Nemours & Co..	Com.	Q.	90c.	Sept. 15	Aug. 26
Du Pont (E. I.) de Nemours & Co..	Com.	Ext.	70c.	Sept. 15	Aug. 26
Du Pont (E. I.) de Nemours & Co..	DS	Q.	$1.50	Oct. 24	Oct. 10
Freeport Texas Co.....	Com.	Q.	25c.	Sept. 1	Aug. 14
Grand Rapids Varnish Corp.....	Com.	Ext.	7½c.	Aug. 30	Aug. 20
Harbison-Walker Refractories Co...	Com.	..	50c.	Sept. 1	Aug. 14
Heyden Chemical Corp.....	Com.	Q.	25c.	Sept. 1	Aug. 20
Heyden Chemical Corp.....	Com.	Ext.	25c.	Sept. 1	Aug. 20
Hiram Walker-Gooderham & Worts.	Com.	Q.	50c.	Sept. 15	Aug. 22
Hiram Walker-Gooderham & Worts.	Pfd.	Q.	25c.	Sept. 15	Aug. 22
Hires (Chas. E.) Co.....	Com.	Q.	50c.	Sept. 1	Aug. 15
Homestake Mining Co.....	Com.	M.	$1.00	Aug. 25	Aug. 20
Homestake Mining Co.....	Com.	Ext.	$2.00	Aug. 25	Aug. 20
Masonite Corp.....	Pfd.	S.	$3.50	Sept. 1	Aug. 15
Monsanto Chemical Co.....	Com.	Q.	25c.	Sept. 15	Aug. 25
Monsanto Chemical Co.....	Com.	Ext.	25c.	Sept. 15	Aug. 25
Mount Diablo Oil Mining & Dev. Co.	Com.	Q.	1c.	Sept. 1	Aug. 24
National Bearing Metals Corp.....	Com.	..	25c.	Sept. 1	Aug. 20
National Container Corp.....	Com.	Q.	50c.	Sept. 1	Aug. 15
National Container Corp.....	Pfd.	Q.	50c.	Sept. 1	Aug. 15
Phelps-Dodge Corp.....	.....	..	25c.	Sept. 15	Aug. 25
Procter & Gamble Co.....	Pfd.	Q.	$1.25	Sept. 15	Aug. 25
Reynolds Metals Co.....	Com.	Q.	25c.	Sept. 1	Aug. 15
Sherwin-Williams Co.....	A pfd.	Q.	$1.25	Sept. 1	Aug. 15
Socony-Vacuum Oil Co.....	.....	..	25c.	Sept. 15	Aug. 19
Southern Pipe Line Co.....	Com.	..	10c.	Sept. 1	Aug. 18
Standard Oil Co. (Ind.).....	Com.	Q.	25c.	Sept. 15	Aug. 15
Standard Oil Co. (Ind.).....	Com.	Ext.	25c.	Sept. 15	Aug. 15
Sterling Products, Inc.....	.....	Q.	95c.	Sept. 1	Aug. 15
Sun Oil Co.....	Com.	Q.	25c.	Sept. 15	Aug. 25
Sylvanite Gold Mines, Ltd.....	Com.	Q.	5c.	Sept. 30	Aug. 17
Union Tank Car Company.....	Com.	Q.	30c.	Sept. 1	Aug. 17
Vick Chemical Co.....	Com.	Q.	50c.	Sept. 1	Aug. 15
Vick Chemical Co.....	Com.	Ext.	10c.	Sept. 1	Aug. 15
Welch Grape Juice Co.....	Pfd.	Q.	$1.75	Aug. 31	Aug. 15
Wesson Oil & Snowdrift Co.....	Pfd.	Q.	$1.00	Sept. 1	Aug. 15
Westvaco Chlorine Products Corp...	Com.	..	10c.	Sept. 1	Aug. 15
Westvaco Chlorine Products Corp...	Com.	Ext.	10c.	Sept. 1	Aug. 15
Wilson & Co.....	Com.	..	12½c.	Sept. 1	Aug. 15

Camphor oils are widely used in Japan as the source of a number of aromatic substances, chief among which are safrol, cineol, geraniol, ionone, hydroxycitronellal, linalyl acetate, and vanilla. Use is being found in this field for the 3,000,000 kilos of by-product oils which the camphor industry has available every year; in consequence the industry is reported to have become more prosperous.

Sirdar Carbonic Gas Company, Calcutta, has placed an order for a dry ice plant in Germany. The present equipment for liquid carbon dioxide is American and was installed in 1918, and is capable of producing 2½ long tons daily. The new equipment expected in September, will have a daily capacity of 6½ tons of the solid dioxide. In addition the company operates plants of German origin at Delhi, Karachi, and Rawalpindi.

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Evils Thrive On Tolerance

One of the most destructive policies of the business world is its toleration of malefactions in its everyday practices. The persistence in certain circles of unfair, dishonest tactics which are common knowledge is the greatest handicap to every effort for a full measure of self-regulation for business. These evils are known to an extent beyond the ranks of the particular business in which they exist, and this outside knowledge seriously impairs the endeavors of honest business men to hold the fully deserved esteem of the public.

The role of informer is repugnant to upright men. But, when self-preservation is at stake, it is far better from every standpoint to expose destructive practices than it is to adopt them with the thin excuse of necessity. Matching wrongs does not often wipe out wrongdoing; never does except at an excessive cost. Two wrongs merely double the distance that separates right and wrong. They also double the destructiveness of the evil.

Business could demonstrate that it believes in self-regulation by using the laws which make this possible. The results would be far more salutary than are those obtained by the use of the "lynch law" of retaliation.

A member of the National Fertilizer Association has written to the officers of the association:—

> It occurs to me that the Robinson-Patman bill really makes it the duty of every man who knows of a violation, or apparent violation, of such law to report it.
>
> It occurs to me that no manufacturer should be offended if he is reported by a competitor in case of such violation. Believing as I do about this, you will see that I would feel it incumbent upon me to report such cases. I think it would have a wholesome effect if all others felt the same way about it and followed that practice.

The man who expressed that sentiment knows that he has to compete against price-discrimination and the chiseling that gives it birth. A hundred other members of his association know this as well as he does. And thousands of business men in other lines know that the same conditions obtain in their fields. The writer of the foregoing belief may be a bit naive in the first sentence of his second paragraph, but he points the way to the frank, courageous, self-respecting stand that all business men should take.

Corn Supply Problematical

Corn on the cob is plentiful enough in Eastern markets to keep out of the luxury class of foodstuffs. But, this year's domestic supply of field corn for fodder and for industrial use will be about 50 percent short of the average. This effect of the drought has already been reflected in the price of corn in trading circles and has run so far as to bring about material advances in the prices of cornstarch and related industrial products of corn.

Industrial demand for these materials has increased substantially this year. The corn-grind in the first seven months was 40 percent greater than that in the corresponding period in 1935, about 15 percent larger than that in the 1934 period, and only 3.7 percent less than the grind in the first seven months of 1933 when consumption was broader.

The outlook for relief through the importation of Argentine corn is not specially promising. There is an exportable surplus of from 250,000,000 to 300,000,000 bushels in that country, but there is some question as to how much of this corn, because of unfavorable weather, contains too much moisture to be marketable in the United States. Even if the whole lot could be added to the supply in this country, the total would be at least 25 percent below the average.

The industrial importance of corn has increased greatly in recent years; but the largest use is still as an animal feed. The supply of corn for industry between now and the ripening of the next Argentine crop some seven months hence will depend much on the extent to which the feeding of corn by farmers is curtailed.

—O-P-D—

What Basis Regimentation

One of the chief reasons why regimentation of business, by whatsoever means it may be effected, cannot be practicable is the fact that business has two distinct and equally influential motives. One of these is a low price; the other is a high quality—"and never the twain shall meet."

Regimentation under the motive of a low price might be made practicable if it were kept within the limits essential to the maintenance of freedom of competition based absolutely on fairness. It is easier to regiment on the basis of high quality—regulations of the type of the food and drugs act have such a regimentating purpose.

For the same reason of the dual motivation of business the opposing economic theories based respectively on high prices and low prices cannot be harmonized. Each, however, will work in its own field. The Eastern railroads, under a substantial reduction in the rate of passenger fares, had in July, this year, a revenue from this source that was something like 19 percent larger than that in July, 1935, under the higher fares. Apparently their net income from this source was commensurately larger. Low prices for motor cars have made mass production possible, and the greater volume of buying thus induced has made it profitable.

On the other hand, more than one manufacturer and some thousands of distributors are today finding, as others have found for years and years, that it pays them better to drop all efforts to meet competition in price and to devote their energies to the development of quality trade.

Of course, if the purpose of regimentation were, as more than a few aver, the equal, rather than an equitable, distribution of buying ability, neither price nor quality would have the influence it now exerts—but there would still be bargainers and hoarders. Price will always be a motive of business, and so will quality. The intelligent business man makes his choice—and makes it pay.

It is possible in many instances for a business to serve those who must have, or for some reason desire, low-priced goods, and at the same time to devote itself in larger or smaller part to serving those with whom quality is the sole consideration. Versatility is not always a sign of minor attainments. It is possible to sell high-quality goods at prices which are relatively low. It is possible even to do business at prices which are only apparently low and in quality which has but the semblance of highness. How then can business be regimented?

All this would be reasoning to absurdity were it not for the fact that regimentation as popularly discussed is largely a wraith, evoked by those who do not relish the idea of being compelled to play fair.

—O-P-D—

Tung Oil in WPA Plans

A number of commendable aspects are presented by the move of the Works Progress Administration to assist in the development of the cultivation of tung trees in the Southern States. The most encouraging thing about it is the assistance that thus will be rendered in the desirable purpose of making industrial consumers of tung oil in the United States independent of foreign sources for their supplies.

National self-sufficiency in respect of industrial materials is a mild form of nationalism. It is a wholly benevolent form when it has to do with materials, the supply of which can be continuously replenished, the use of which does not deplete natural resources that can economically be reserved for emergencies.

Tung oil has a largely noncompetitive place in the modern industrial world. Its use, of course, disturbs in a degree the practices of earlier days of lesser technologic development. What otherwise might have been is problematical. The volume of consumption of comparable oils has not been reduced by the use of tung oil, introduction of the latter having served more to assure an adequate supply for greatly expanding demand. That is net progress, without the compensating destructive effects that frequently follow the introduction of new materials.

This is a time when industry in the United States must look to its needs of certain materials in the not distant future. One need not be an alarmist to feel that now is not too soon to give thought to the avoidance of stringencies, less numerous than those experienced twenty-two years ago, but no less severe individually.

National funds are best expended when they are used for the procurement of benefits of national scope. A domestic supply of tung oil would serve all the people. Those who now handle the vast quantities of oil imported will be best equipped to distribute the home product, and they should be first considered for the job. Industrial consumers of tung oil would be benefited by the additional spending money that domestic production of tung nuts would provide for buyers of their goods.

These benefits will not, of course, follow immediately upon the launching of the WPA experimental project. But, they will come if the purpose to which the project is directed is given the support that it well deserves.

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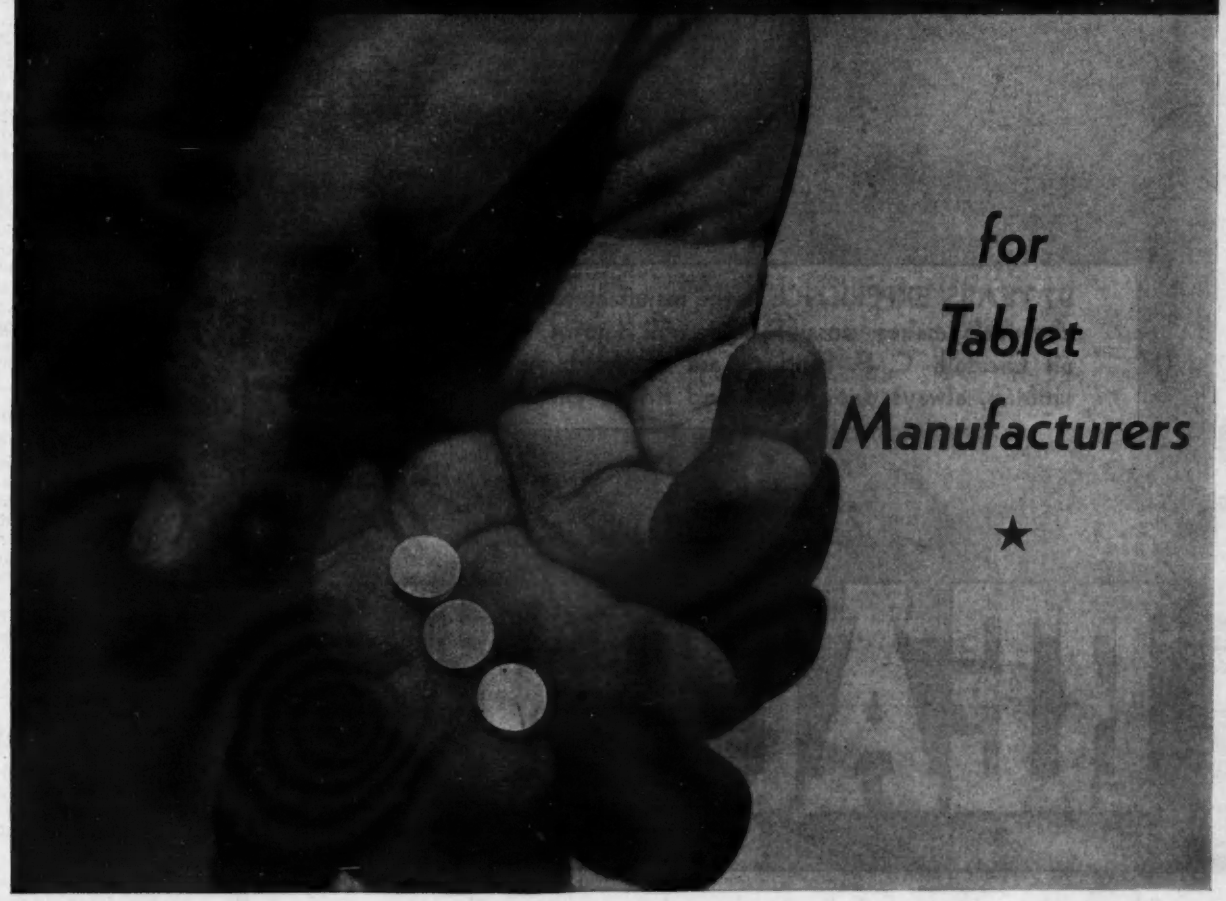

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Acid Acetylsalicylic Merck U. S. P. Fine Crystals
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Acid Acetylsalicylic Merck Granulated with 10% Starch Green
Acid Acetylsalicylic Merck Granulated with 10% Starch Pink
Acid Acetylsalicylic Merck Granulated with 16% Starch White
Acid Acetylsalicylic Merck Granulated with 20% Starch White

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Grasselli Co. to Extend Pest Control Research

Extensive research in control of agricultural and other pests will be carried on by a staff of scientists in a laboratory and greenhouse now under construction for the Grasselli Chemical Company, at the du Pont experimental station, Wilmington, Del. The structures will be completed and equipped within the next few months.

The pest control research activities have been reorganized in the chemical department of the Grasselli company, of which E. A. Taylor is director, and transferred from Cleveland, O., to Wilmington. Research has been organized as a separate division with Dr. W. H. Tisdale in charge.

Sales introduction of insecticides, fungicides and other products developed in the new laboratory will come under the new products division of the Grasselli company, Cleveland, of which E. B. Alvord is manager. Consolidation of the pest control research work of the Grasselli company and co-ordination of the activities of biologists and chemists working on pest control at the du Pont experimental station were among the reasons for locating the laboratory and other facilities at Wilmington. Federal and state agencies which have been cooperating with the Grasselli group will be asked to continue the assistance given in pest control activities.

Czech Borax Cartel Extended

The Czechoslovak borax cartel, which was due to expire June 30, has been prolonged another year, according to information received by the Department of Commerce from the commercial attache at Prague. The cartel is a domestic price and sales agreement between the Aussiger Boraxwerke Baker & Geratley, Aussig; the Verein fuer Chemische und Metallurgische Produktion (Aussiger Verein), Prague; and Hochstetter & Schickardt, A.G., Bruno. Baker & Gerstley, the only borax refiner in Czechoslovakia, is a member of the International Borax Cartel. The former outsider of the cartel, Masata & Co., Prague, was forced to discontinue production several years ago because of inability to obtain ore for refining.

Phosphatic Sand Freight Set

WASHINGTON, Aug. 11, 1936.

The Interstate Commerce Commission authorized the establishment of new rates on phosphatic sand and clay, ground or not ground, from certain producing points in Florida to destinations in Alabama, Georgia, North Carolina and Virginia, and the maintenance of higher rates to intermediate points. The rate adjustment is made, the commission explained, to permit lines having circuitous routes to compete with those having more direct routes.

Trade News Briefs

A. G. Callen, head of the department of mining and metallurgical engineering of the University of Illinois, has been elected president of the Kiwanis International.

Celluoid Corporation to allow for additional products now sold by the company, has given the following new designations to various sales divisions:—Plastics, fabricating, packaging, chemical, film and "Amerith-Art Ivory" toiletware.

Varcum Chemical Company, manufacturer of synthetic resin, Niagara Falls, N. Y., has awarded a contract for a new works building to Laur & Mack, contractors of that city. Increased production is planned in the new building.

Chemical importers and dealers in Ecuador, El Salvador, Guatemala and Peru are listed in directories prepared by the Bureau of Foreign and Domestic Commerce. Particulars can be got from the Chemical division of the bureau in Washington.

Insecticide imports into Canada from the United States decreased substantially between 1931 and 1934 and since the latter year have not constituted more than 25 percent of the total. The shift in this trade favored the United Kingdom.

Albert E. Seep, Denver, who succeeded his father, the late A. H. Seep, as president of the Mine & Smelter Supply Company, has been elected a director of the American National Bank of that city, succeeding his father in that capacity.

Heavy Chemicals

Copper and Zinc Cyanide Spot Prices Reduced—Domestic Antimony Lower—Soda Silicofluoride in Limited Supply—Fluorspar Strong—Fair Demand for Alkalies—Tin Salts Quiet

Business in the market for the industrial chemicals continued to hold up exceptionally well for this period of the year. Aside from the movement of representative contract commitments there was little to report in the market, with the conversation in all selling quarters concerned with the recently enacted Robinson-Patman legislation. Changes in the market included a reduction in the price for domestic antimony and a lowering of the spot prices for copper and zinc cyanide.

The lowering of the prices for spot purchases of copper and zinc cyanide gives the new schedule a 1c. per pound differential between the spot and contract prices, with the amount for a contract price carrying a minimum of 500 pounds. Copper metal was unchanged, with the report indicating that some of the domestic producers were increasing production after September 1, a factor largely responsible for bringing about a decline in the price for export factor, for business in that direction has been heavy lately, giving rise to a report that the price had the possibilities of rising in the domestic market. Alkalies were steady. Chlorine was firm. Soda silicofluoride was in good demand. Fluorspar stocks were low. Tin salts were barely steady. Agricultural insecticides were dull.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Antimony metal, dom., ¾c. per lb.
Copper cyanide, spot, 1c. per lb.
Zinc cyanide, spot, 1c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—Business in the iron-free and commercial continued at a good pace during the period just closed, with the consumers ordering out supplies for immediate production requirements, and prices ruled unaltered. The market for the ammonia and potash items continued fair, and quotations were unaltered.

Ammonia Aldehyde.—This market presented little change from recent weeks, with the call confined to actual wants, and prices were steady to firm.

Ammonia, Anhydrous.—A good seasonal demand was reported, with a firm tone noted in prices. Consumption in British Mayala for the prevention of coagulation of rubber latex has shown a steady increase. While import statistics do not carry a separate classification for anhydrous ammonia, it is estimated from export statistics for latex that consumption during 1934, 1935 and early 1936 was at the rate of approximately 350,000 pounds annually. If latex for export is concentrated, it will contain about 60 percent by weight of dry rubber; if unconcentrated, about 38 percent. Thus, to prevent the coagulation of one ton of dry rubber, in the form of concentrated latex, about 25 pounds of anhydrous ammonia are required. For one ton of dry rubber in the form of unconcentrated latex, about 38 pounds are required. Factors in the rubber trade generally believe that the exports of latex in liquid form will continue to increase as it is more economical to ship in this manner. At the present time the trade has been confined to four or five concerns, but many of the others are very much interested in the development, according to the trade commissioner at Singapore.

Ammonia Phosphate.—This market experienced a fair demand throughout the week, with a steady tone in evidence. Consumers continued to purchase for immediate production wants only.

Antimony.—The market for the metal was slightly lower as far as the domestic product was concerned, with the decline Wednesday wiping out the fractional gain scored earlier in the week, and sellers were asking 10⅝c. per pound for spot and 10¾c. per pound for futures. The Chinese material was 12⅛c. per pound for spot, c.i.f., duty paid, and 8⅝c. per pound for futures.

Antimony Oxide.—The market for the oxide was irregular from a demand standpoint, but the price tone remained steady. The call for the needle product showed little improvement, with a steady tone governing the dealings.

Arsenic.—There was little to report in the market for the white product, with the demand rather spotty, but the price tone held steady to firm. Business in the red material showed little betterment, but sellers were holding to the quotations in force previously.

Barium Salts.—Shipments of the chloride were moving out in irregular fashion, but the price tone was steady. The market for the carbonate was irregular, but sellers reported no change in quotations. The market for nitrate and hydrate continued quiet.

Bleaching Powder.—A firm tone continued as the prominent factor in this market, and sellers were reporting unchanged quotations. Business indicated that consumers were covering for immediate wants only, but the operations in some sections were sufficient to give the market a fairly active appearance.

Blue Vitriol.—Quiet prevailed in this direction again last week, with the sellers holding firmly to previously established quotations. The season was said to have been one of the best, from a volume standpoint, on record for some few years.

Calcium Chloride.—Nothing of importance developed in this market, with the shipments showing a tendency to slow down, but the price tone remained steady at previous levels.

Carbon Tetrachloride.—The call for this material by the cleaning fluid companies held up well throughout the week, with the prices displaying a steady to firm tone.

Chlorine.—Business here continued good, with a decidedly firm tone in evidence. It is reported that high test calcium hypochlorite, containing over 70 percent available chlorine, is produced in Japan to the extent of 2,000 metric tons annually. There are three manufacturers.

Copper.—The market for electrolytic copper was 9¾c. per pound, with the trade reports indicating that the possibility of an increase in the price to 10c. per pound was remote, for the export market moved toward lower levels late in the week after having approached the level of 9¾c. per pound. Reports had it that one of the major producers was expected to increase the estimated output by 10 to 12 percent September 1, with the belief prevalent that other domestic producers would follow suit. August copper sales were said to have approximated 30,356,000 pounds.

Copperas.—Increased demand was shown for this material again last week, with the prices holding firm. Relatively small surplus stocks was a prominent factor in promoting a firm tone. Steel mill operations moved to 72½ percent of capacity, the highest production rate on record for the current year.

Copper Cyanide.—The differential on the spot and contract price has been reduced to 1c. per pound, with sellers asking 37c. to 38c. per pound, and the minimum on contract was fixed at 500 pounds.

Fluorspar.—A decidedly firm tone was noted in the price for this material,

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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with the low level of stocks on hand accounting for the firmness in the price tone. This situation could be explained by the recently heavy demand being placed by the steel industry, which industry has had the best year since 1929.

Nickel Salt.—This market continued to note an irregular demand during the week, with the irregularity in the buying attributed to the caution consumers were exercising in order to hold down commitments to actual production requirements. A decline was noted in the production of automobiles, with some producers having closed down for the purpose of changing over to new models.

Potash Carbonate.—This market continued to experience an irregular call from the textile industry, but the price tone remained steady to firm.

Potash Caustic.—Interest here continued to be concerned with conservative quantities, with the soap and chemical processors ordering out for nearby wants, but the prices held unaltered.

Potash Permanganate.—A fairly good demand was reported for this material again last week, with the quotation holding unchanged. Exports from Czechoslovakia rose from 866 metric tons in 1934 to 904 tons in 1935. While distribution is world-wide, approximately one-half of the shipments for the two years stated were destined to Great Britain and Switzerland.

Saltcake.—This market continued to note a good inquiry from the glass and paper trades, with the prices displaying a steady tone for both the imported and domestic product.

Soda Ash.—A fair call was manifested in this market, with the prices holding unchanged. June exports amounted to 5,123,971 pounds, valued at $72,806, of which So. Africa consumed 7,800 pounds; Mexico, 2,034,000 pounds; Canada, 354,000 pounds; Cuba, 278,726 pounds; Argentina, 597,150 pounds; British India, 404,700 pounds; Brazil, 408,000 pounds, and Canada, 354,210 pounds.

Soda Bicarbonate.—A fairly active demand was noted here, with no change disclosed in the quotations. June exports amounted to 953,041 pounds, valued at $15,480, of which Canada consumed 605,632 pounds; Cuba, 61,584 pounds; Brazil, 42,000 pounds; Venezuela, 52,580 pounds; British India, 44,800 pounds; Philippine Islands, 25,054 pounds, and China, 22,512 pounds.

Soda Caustic.—A fair demand was reported here at times during the week, with a steady tone in prominence. June exports amounted to 10,373,013 pounds, valued at $214,008, of which Canada consumed 823,633 pounds; Mexico, 1,866,650 pounds; Cuba, 511,898 pounds; Argentina, 2,029,300 pounds; Brazil, 1,104,350 pounds; British India, 721,460 pounds; Philippine Islands, 595,135 pounds, and Japan, 280,000 pounds.

Soda Cyanide.—Platers were ordering out supplies for nearby requirements, but the relative quiet failed to have an influence on the market pricewise. June exports amounted to 51,871 pounds, valued at $7,307, of which Canada consumed 3,763 pounds; Mexico, 9,348 pounds; Cuba, 8,960 pounds; Bolivia, 12,600 pounds; Japan, 6,000 pounds; New Zealand, 1,000 pounds, and British East Africa, 10,000 pounds.

Soda Phosphate.—Business here continued irregular in the market for the di-basic material, with the prices unchanged. The call for the tri-basic item was spotty, with business subjected to keen competition. June exports amounted to 371,760 pounds, valued at $14,824, of which New Zealand consumed 12,925 pounds; United Kingdom, 189,400 pounds; Belgium, 11,200 pounds; Sweden, 11,150 pounds; Argentina, 3,600 pounds; Colombia, 4,510 pounds, and Cuba, 4,685 pounds.

Soda Silicate.—Business was fairly good again last week, with the prices holding unchanged. June imports amounted to 1,531,759 pounds, valued at $20,151, of which Canada consumed 1,024,055 pounds; Cuba, 220,649 pounds; Philippine Islands, 108,226 pounds, and China, 70,840 pounds.

Soda Silicofluoride.—Demand was good again last week, with the buying again exceeding supplies, and prices were strong.

Tin Salts.—The Straits tin market noted a slightly easier price, with sellers at one time during the week listing the price of 42c. per pound. Cable advices had it that a representative of Siam was going to London shortly, supposedly for the purpose of reopening the discussion of tin restrictions. Prices for the tin crystals as well as anhyfor the tin crystals and anhydrous tetrachloride were barely steady.

Statistics for the first half of 1936 just published by the International Tin Research and Development Council show an increase of 7½ percent in world tin consumption compared with the first half of 1935, and of 24 percent compared with the similar period of 1934. The apparent consumption of tin in the first half of 1936 is given as 73,348 tons against a production figure of 79,440 tons. Bolivia having surrendered her arrears of 10,288 tons outstanding at the end of May, the underexport reported for Malaya, Nigeria, Bolivia, The Netherlands East Indies and Siam at the end of June was only 1,160 tons. Considering the twelve-month periods ended in June, 1935, and June, 1936, respectively, world apparent consumption increased by 16.4 percent from 126,881 tons to 147,720 tons. The world visible stocks of the tin at the end of July, 1936, stood at 15,964 tons, having increased by 428 tons during the month. These stocks represent 10.8 percent of the current annual rate of consumption, the corresponding ratio at the end of July, 1935, being 12.1 percent. The average price of tin on the London market in July, 1936, was £186.4.5 sterling against £232.12.7 sterling in July, 1935. Consumers' stocks in America increased by about 1,600 tons during June, 1936, but in the total for other countries there was a decrease of approximately 2,300 tons, so that on balance the declining tendency indicated for April and May was maintained in June.

Zinc Cyanide. — Sellers were listing the prices of 36c. to 37c. per pound, which price schedule represents a reduction in the differential of 1c. per pound between spot and contract. And the minimum on contract was fixed at 500 pounds.

Acids

The market for the various acids entering consumption in the industrial units was said to be good during the week just ended, with the prices generally steady to firm. Acetic acid was unchanged, with a fair demand from routine sources noted at times during the period under survey. There was a fairly active interest shown in battery acid, and quotations were without change. Sulphuric acid continued steady to firm, with reports from the steel industry indicating a broadening of activities there, and the automobile industry was showing the effects of the closing down of plants for the changing over to new models. Chromic acid noted a firm tone. Oxalic acid was in fair demand.

Acetic. — Business continued along routine lines, with the prices displaying a steady tone.

Battery. — A fair demand was reported for this material, and quotations ruled unchanged.

Boric. — This market offered little improvement, but the demand was sufficient to give the market a steady tone.

Chromic. — Nothing new occurred in this direction, with the shipments moving to the plating trade in conservative volume, and prices were well held.

Formic.—Interest in this market continued to be concerned with nearby needs, but producers reported the presence of a steady tone.

Lactic. — Demand here was much the same as the preceding period, with the call highly irregular, but the prices were without change.

Hydrocyanic.—This market continued to note a spotty demand during the week, with the call from the agricultural areas petering out and prices were without change.

Muriatic — With some sections of the industrial units holding up fairly well, and a tapering off noted in other directions, the market was subjected to an irregular call but sellers reported the quotations were steady to firm.

Nitric. — There was a good demand noted in this market again last week, with the prices displaying a firm tone.

Oxalic. — This market was much the same as the preceding period, with the possible exception that demand was a pace slower, but the price tone was firm.

Phosphoric. — An active interest was noted in this market again last week, with a firm tone prominent.

Sulphuric. — Business held up fairly well in this market again last week, with the prices displaying a firm tone. Steel mill operations were higher, and the automobile industry tapered off production, but the light trades continued to hold up well for this period of the year.

BALTIMORE, Aug. 19, 1936.—While the civil war in Spain has stopped shipments of pyrites from Huelva, the cessation of exports has not so far exerted any positive effect upon the quotations on sul-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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Wherever the subject of liquid chlorine comes up for executive discussion, Diamond Liquid Chlorine is the logical choice. Made to Diamond's exacting manufacturing requirements for quality and uniformity and full strength, —this important bleaching agent is a recognized standard of purity everywhere.
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phuric acid, though the expectation is entertained that if the embargo continues this ore will soon become scarce, in which case, it is believed, the price of acid will advance. Up to the present time it has been possible to continue acid production by drawing upon the stocks of pyrites accumulated from previous shipments to this port, which should not be surprising because the insurrection in Spain is less than a month old.

For the present the market for acid stands at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. Stability also characterizes the quotations on oleum, which stand at $17 per ton. Just now the demand for acid so far as the fertilizer trade is concerned does not attain striking proportions.

Insecticides

The market for the agriculture insecticides and fungicides noted an irregular demand during the week just closed, but the prices were held steady to firm. Arsenicals continued firm. The weekly weather and crop bulletin stated that in the cotton belt temperatures during the week ranged from extremely high in the Northwest to about normal, in the Southeast scattered showers occurred in the eastern half, but the week was rainless in most sections west of the Mississippi River.

Bordeaux Mixture.—Demand continued irregular but the price tone remained steady.

Calcium Arsenate.—Further tapering off was shown in the call, but no change was disclosed in the quotations. June exports amounted to 1,102,068 pounds, valued at $56,594, of which Egypt consumed 30,000 pounds; Colombia, 30,000 pounds; Mexico, 813,300 pounds; Salvador, 32,100 pounds; Nicaragua, 25,000 pounds; Canada, 171,548 pounds.

Lead Arsenate.—This market presented little change from recent weeks, with the call dull, but quotations were well maintained. June exports amounted to 109,306 pounds, valued at $8,839, of which Canada consumed 15,800 pounds; Argentina, 62,370 pounds, and South Africa, 29,644 pounds. The residue was divided between Mexico, Cuba and New Zealand.

Nicotine Sulphate.—A spotty demand was reported here, but the prices held unchanged. June exports amounted to 38,811 pounds, valued at $22,215, of which United Kingdom received 1,500 pounds; Canada, 4,996 pounds; Brazil, 1,910 pounds; Japan, 15,640 pounds; Australia, 3,525 pounds; New Zealand, 1,165 pounds, and Egypt, 9,520 pounds.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

British Trade with U. S.

Trade in chemicals, oils, and drugs between the United States and Great Britain in the first six months of this year included the following items:—

	Exports from U. S.	Imports into U. S.
Chemicals, drugs, dyes, and colors	£1,071,366	£534,635
China clay	.....	110,727
Fuel oil	203,002	.....
Gas oil	17,943	.....
Lard	864,387	.....
Lubricating oil	1,433,618	.....
Motor spirit	835,409	.....
Oils, fats, and resins	3,224,306	.....
Sulphur	249,844	.....
Tar oil, creosote, oil etc.	.....	268,836

George Albin Meyers, assistant to the secretary of the Agricultural Insecticide and Fungicide Association, 285 Madison avenue, this city, is spending a two weeks' vacation at Grove City, Pa.

Dow Chemical Offers Engineering Services

A consulting engineering division has been established by the Dow Chemical Company with the purpose of affording its customers reasonably priced engineering services thoroughly schooled in the most efficient application of existing or future Dow products. The new division will also provide service for the development of equipment for the industrial use of Dow products.

Headquarters of the Dow consulting engineering division are at 204 Nickels arcade, Ann Arbor, Mich. The director of the service is Prof. W. L. Badger, of the University of Michigan.

The division is exclusively a service agency. It will not manufacture either materials or equipment. Its activities will not be confined to Dow products, but its operations will not be extended into fields where its staff, by experience and training, is not prepared to render a sound service. The division will assist in the designing of equipment and will specify equipment suitable for industrial processes within the scope of its activities.

The full experience of the Dow Chemical Company will be available to users of Dow products and will be supplemented by specialized investigations conducted by the consulting engineering division. In the handling of engineering problems, when it is believed that a genuine service can be rendered, a preliminary survey will be made and cost estimates submitted. On this grounding the matter of a contractual undertaking will be considered.

A specific instance of the functioning of the Dow consulting engineering division is the assistance that it is prepared to render in respect of the use of dowtherms for heat-transfer. The Dow Chemical Company has had in constant operation for several years various systems using these materials. Out of this experience the consulting engineering division is prepared to supply specific information on the adaptability of dowtherms to processes in hand, on the design of special equipment and specifications of such equipment now purchasable from existing manufacturers, and on detailed layouts.

Salt Freights Reduced

WASHINGTON, Aug. 19, 1936.

The Interstate Commerce Commission has authorized establishment of lower freight rates on salt, salt compounds, and related articles, straight or mixed carloads, from Edith, Okla., and from intermediate points from which rates from Edith will be applied as maximus, to destinations in Southwestern, Western Trunkline, Illinois, and Mountain-Pacific territories, points in Louisiana east of the Mississippi river, and Mississippi river crossings, Memphis, and south thereof. It has also authorized maintenance of higher rates between intermediate points. The order does not approve any specific rates which may be filed under this authority, all such rates being subject to complaint and to correction by the commission.

HEAVY CHEMICALS
OF STANDARD PURITY

Sulphuric Acid

OIL OF VITRIOL...OLEUM...
MIXED ACID...BATTERY ACID

IT'S more than a question of the maintenance of standard purity. Your source of acid supply must also have facilities for production and resources in delivery equipment which assure efficient delivery and maintained schedules. Nothing less than these coordinated facilities, and services, can give you the satisfaction you have a right to expect. You enjoy them in full measure in dealing with this company.

CARBOY, DRUM, TANK TRUCK, TANK CAR AND TANK BARGE DELIVERY

GENERAL CHEMICAL COMPANY
Home Office: 40 RECTOR ST., NEW YORK (Cable Address: Lycurgus, N. Y.)
Sales Offices: ATLANTA, BALTIMORE, BOSTON, BUFFALO, CHARLOTTE, CHICAGO, CLEVELAND, DENVER, KANSAS CITY, LOS ANGELES, MINNEAPOLIS, PHILADELPHIA, PITTSBURGH, PROVIDENCE, SAN FRANCISCO, ST. LOUIS. In Canada: THE NICHOLS CHEMICAL CO., LTD., MONTREAL, TORONTO.

QUALITY UNIFORMITY SERVICE

Phosphoric Acid

50% and 75% Strengths

A sparkling, crystal clear liquid whose purity has established a new high standard never attained heretofore in the commercial product.

VICTOR CHEMICAL WORKS
141 W. JACKSON BLVD., CHICAGO, ILL.

Chemistry Scholarships Won by Three Women

The Women's Service Committee of the American Chemical Society, of which Lois W. Woodford is chairman, has announced the award of scholarships for post-graduate study to three chemistry students. Martha W. Smith, of Raleigh, N. C., received one scholarship valued at $600, to enable her to carry on the study of biological chemistry at the University of Michigan. Mary Elizabeth Stutzenberg, of Chicago, who will do research work in physical chemistry at the University of Chicago, and Florence V. Olson, of Beresford, S. D., who will carry on investigations in the same field at the State University of Iowa, divided a second award.

Miss Smith worked her way through the North Carolina State College of Agriculture and Engineering and is now engaged in the chemical analysis of peach leaves at the North Carolina State College experiment station. Miss Stutzenberg has taken bachelor and master's degrees from the University of Pennsylvania and expects to receive her Ph.D. from the University of Chicago next year. Miss Olson, daughter of a farmer, took her B.A. and M.A. from the University of South Dakota, and last year was an assistant in chemistry at the State University of Iowa.

The scholarships have been provided by Francis P. Garvan, president of the Chemical Foundation.

DuPont Releases Picture On Wonders of Chemistry

E. I. du Pont de Nemours & Co. has released for public showing an education sound motion picture entitled "The Wonder World of Chemistry." Although the present showings will be confined to Wilmington and to the company's exhibit at the Texas Centennial Exposition in Dallas, it is understood that the picture will soon be available for general distribution.

Included in the picture are such operations as the fixation of nitrogen from the air, the synthesis of a rubber-like substance from coal, limestone and salt; the derivation of dyes and perfume materials from coaltar; the transformation of natural cellulose from cotton and wood into rayon and transparent cellulose film; the making of plastics, coated fabrics and finishes from cotton and vegetable oils.

Du Pont officials are reported to have authorized the picture because of an increasing demand on the part of educational institutions, scientific societies and business men's clubs for information about the company and about the chemical industry in general.

Soda Ash Plans in Manchuria

The Manchuria Soda Company, founded June 1 in Hsinking, has an authorized capital of 8,000,000 yen, one-half of which has been paid, according to information received by the Department of Commerce. The South Manchuria Company and the Manchuria Chemical Industry Company have equal shares of 2,000,000 yen in the stock of the soda company. The other half of the capital is to be taken up by the Asahi Glass Company and the Shoko Glass Company, according to reports. The new concern will start erection of a factory at Kanseishi, near Dairen, immediately. It will receive its supply of ammonia from the nearby plant of the Manchurian Chemical Industry Company and will produce 100 metric tons of soda ash a day, starting production by July, 1937.

Davison Chemical Asks Silica Gel Receivership

The Davison Chemical Corporation, which succeeded the Davison Chemical Company after receivership and reorganization, has filed a bill through Elmer Heubeck, a vice-president, in the Circuit Court, Baltimore, asking the appointment of a receiver for the Silica Gel Products Corporation. The petition alleges that the Silica Gel corporation owes the Davison corporation $67,156.74, and that the assets of the concern on June 30 last amounted to only $5,050 and further avers that the Silica Gel corporation is unable to meet its obligations. Chief Judge Samuel K. Dennis has signed an order requiring the defendants to show cause why the petition should not be granted.

Lime Freights Reduced

WASHINGTON, Aug. 18, 1936.

The Interstate Commerce Commission has granted authority, on conditions, for establishment of lower freight rates on lime in carloads, from Mosher and Ste. Genevieve, Mo., and points in the Hannibal and St. Louis groups, to Memphis and Mississippi river crossings south thereof, and for maintenance of higher rates to intermediate points. The new rates are intended to enable producers in these shipping territories to compete with producers located in Southern territory east of the river.

The commission has also granted authority for establishment of lower rates on lime in carloads, from points in Southwestern, Western Trunkline, Illinois, Central, and Southern territories to points in Arkansas, Louisiana, Oklahoma, Texas and New Mexico, and to Memphis, Natchez and Vicksburg, and maintenance of higher rates to intermediate points.

Salt Freight Rates Changed

The New York Public Service Commission has approved new commodity freight rates as follows: —

Of the Erie railroad, on salt, common or rock, carload, minimum weight as specified in the tariff, from Retsof, Silver Springs, and Watkins Glen. Numerous changes, effecting advances and reductions. Effective September 1.

Pennsylvania Glass Sand Income

The Pennsylvania Glass Sand Corporation reports net income for the first six months of 1936 of $188,301, after estimated income taxes, depreciation, depletion and other charges, but before allowance for the tax on undistributed earnings, against a net income of $229,346 for the first half of 1935. The company has listed voting trust certificates for 13,775 additional shares of no-par common stock to be used in the acquisition of all outstanding shares of the Tavern Rock Sand Company, a wholly owned subsidiary of the Owens-Illinois Glass Company. The latter corporation will receive not less than 15,000 nor more than 15,429 shares of Pennsylvania Glass common, which makes the minimum purchase price approximately $322,500 at current quotations of $21.50 a share for the stock to be exchanged.

Thermoid Company stockholders have been informed that a plan of recapitalization would be submitted in the near future.

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES

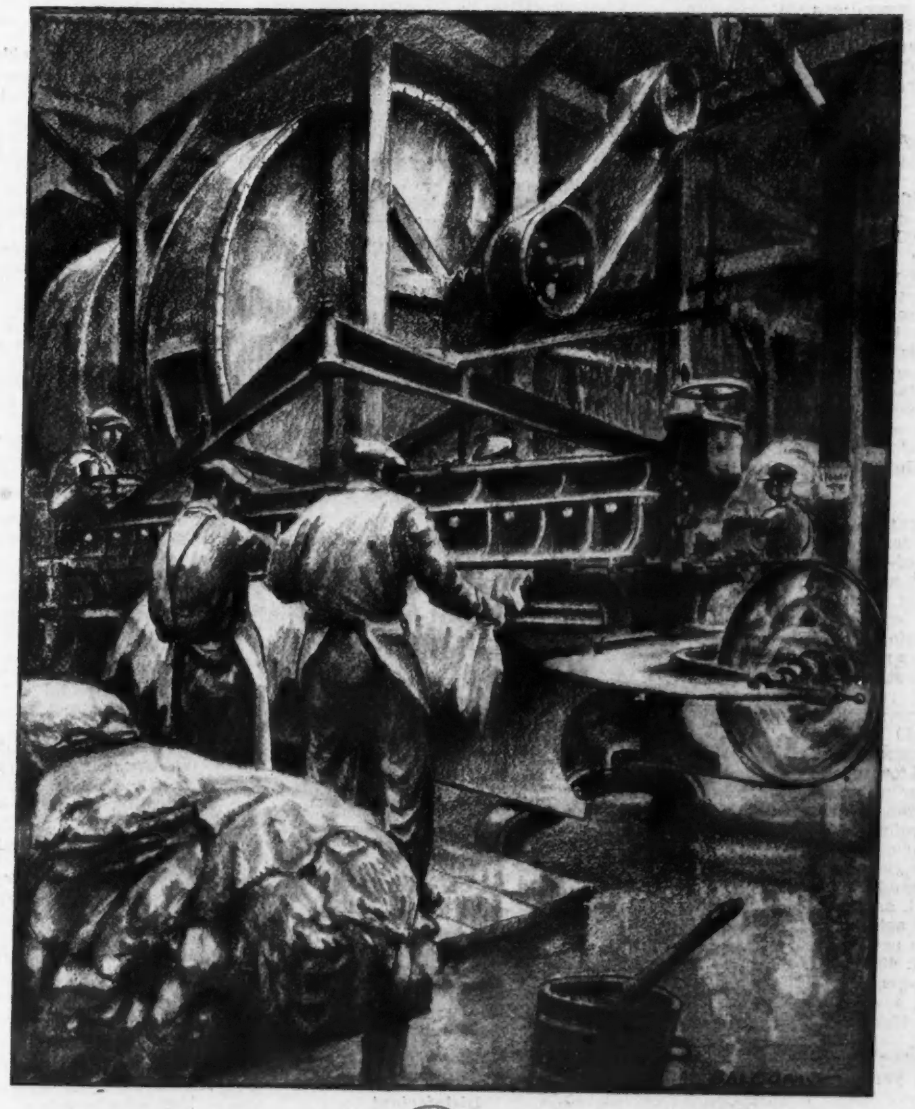
Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda

Spraying and Dusting Materials

Immediately available in any amount

We will gladly advise you on particular problems

MECHLING BROS. CHEMICAL COMPANY
PHILADELPHIA CAMDEN, N.J. BOSTON, MASS.



MODERN TOOLS FOR INDUSTRY

● Chemicals are the modern tools of industry. Every year more and more of them are being used to eliminate wasteful processes, increase production efficiency and turn out better products faster and at less cost. Their increasing use in the industrial world is revolutionizing whole fields of enterprise.

As an aggressive champion of improvement through chemicals and an outstanding leader in chemical progress, Cyanamid is your ideal source of supply, wherever you are located. For Cyanamid offers you the benefits of continuously productive research...the cooperation of a highly trained technical staff...and the advantage of a rapid, nation-wide delivery system.

Above is a scene in the tanning industry, where Cyanamid chemicals are continually contributing to better methods, processes and products.

American Cyanamid & Chemical Corporation
ROCKEFELLER ... NEW YORK

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-third Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ceresin

(Continued from August 17 issue)

Printing

Ingredient of—
- Compositions used for the preparation of acidproof coatings for plates in the electrotyping process
- Compositions used for making matrices in galvanoplastic work
- Rosin-sulphur mixes for making printing forms

Process material in—
- Lithography
- Process engraving
- Photoengraving

Rubber

Coating agent for—
- Molds (to prevent sticking of the article molded)

Filler in making—
- Rubber compositions

Ingredient of—
- Rubber compositions (added to give the rubber a polished or finished appearance)

Shipbuilding

Ingredient of—
- Mixtures with tallow for greasing ships' slipways to facilitate launching operations

Soap

Ingredient (Brit. 407039) of—
- Antiseptic washing and cleansing agents prepared by incorporating water-soluble mercury silver, or gold salts, which dissociate into metal ions, with aliphatic compounds having strong wetting and washing power, containing at least 8 carbon atoms, having an acid sulphuric or phosphoric ester group or sulphonic acid group in an end position and forming water-soluble salts with said metals

Textile

Glazing agent in—
- Hot calendering

Ingredient of—
- Compositions used in the manufacture of waxed cloth
- Finishing compositions
- Impregnating or coating agents for fabrics made from a solution of a cellulose derivative and a polyvinyl resin, a plasticizer, and other synthetic resins (Brit. 416412)
- Sizing compositions
- Softening compositions
- Viscose solution for producing dull-lustered rayon (U.S. 1902529)
- Waterproofing coating, containing also castor oil, rubber, and petrolatum
- Waterproofing composition consisting of emulsion with a dispersion agent, an organic amine, pine oil, oleic acid, a synthetic wax, aluminum acetate, and sodium silicate (Brit. 401282)

Polishing agent for—
- Weaving machine rollers

Stiffening ("starching") agent for—
- Linen

Waterproofing agent in—
- Treating yarns and fabrics

Wax for—
- Hosiery stitching threads

Tobacco

Waterproofing agent for—
- Packagings

Woodworking

Coating and impregnating agent for—
- Artificially dried wood (to prevent reabsorption of moisture)
- Log ends (to prevent splitting and infection by borers)

Ingredient of—
- Compositions used in the finishing of furniture and of lumber used for parquet flooring

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Cetylpyridinium Bromide

Textile

Mordant (Brit. 436592) in—
- Dyeing natural or regenerated cellulosic textile materials with chrome dyestuffs

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6-Chlor-9-deltadiethyl-aminoalphamethylbutyl-2-methylthiol-6-methyl-acridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
- New pharmaceutical

6-Chlor-9-deltadiethyl-aminoalphamethylbutyl-2-methylthiol-6-methyl-acridin Citrate

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
- New pharmaceutical

4-Chlor-2:5-dimethoxy-anilide

Dye

Starting point (Brit. 434209 and 434433) in making—
- Red water-insoluble dyestuffs by coupling (in substance or on the fiber) with phenyl-2:4-dichloroanilin 5-sulphonate

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6-Chlor-9-e-dimethyl-aminoamylamino-2-methylthiol-6-methyl-acridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
- New pharmaceutical

6-Chlor-9-e-dimethyl-aminoamylamino-2-methylthiol-6-methyl-acridin Citrate

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
- New pharmaceutical

Diglycol Laurate

Building and Construction

Dispersing agent in making—
- Emulsified waterproofing preparations

Chemical

Dispersing agent in making—
- Emulsions of hydrocarbons
- Emulsions of various chemicals
- Textile lubricants in emulsified form
- Wetting compositions in emulsified form

Cosmetic

Dispersing agent in making—
- Emulsified cosmetics

Disinfectant

Dispersing agent in making—
- Emulsified germicidal and disinfecting compositions

Dry Cleaning

As a dry-cleaning soap (dissolves quickly and clearly in all dry-cleaning solvents; said to possess high detergent value and not to build up pressure on the filters)

Dye

Dispersing agent in making—
- Emulsified color lakes

Solvent for—
- Oil soluble dyestuffs (enables the incorporation of the dye in water)

Fats, Oils, and Waxes

Dispersing agent in making—
- Emulsified boring oils
- Emulsified drilling oils
- Emulsified fat-splitting preparations
- Emulsified fatty acids of animal or vegetable origin
- Emulsified greasing compositions
- Emulsified greasing and lubricating compositions containing various vegetable and animal fats and oils
- Emulsified preparations of natural or synthetic waxes
- Emulsified sulphonated oils
- Emulsified wire-drawing oils
- Emulsions of animal and vegetable fats and oils

Food

Nontoxic and edible dispersing agent in making—
- Emulsified food products

Glue and Adhesives

Dispersing agent in making—
- Emulsified adhesive preparations

Ink

Dispersing agent in making—
- Emulsified printing and writing inks

Insecticide

Dispersing agent in making—
- Emulsified insecticidal and fungicidal compositions
- Horticultural sprays

Leather

Dispersing agent in making—
- Emulsified compositions for softening hides
- Emulsified dressing compositions
- Emulsified fat-liquoring baths
- Emulsified finishing compositions
- Emulsified soaking compositions
- Emulsified tanning compositions containing formocresylic and coumarone resins
- Emulsified waterproofing composition

Solvent for—
- Oil-soluble dyestuffs (enables the incorporation of the dye in water)

Miscellaneous

Dispersing agent in making—
- Automobile polishes in emulsified form
- Emulsified cleansing compositions
- Emulsified compositions for cleansing painted and metallic surfaces
- Emulsified degreasing compositions
- Emulsified furniture polishes
- Emulsified greasing compositions
- Emulsified metal polishes
- Emulsified penetrating compositions
- Emulsified shoe polishes
- Emulsions of various substances
- Waterproofing compositions in emulsified form

Penetrating agent for—
- Effecting rapid penetration with very low surface tension

Paper

Dispersing agent in making—
- Emulsified compositions for sizing paper and pulp products
- Emulsified compositions for waterproofing paper and pulp compositions and paperboard
- Waxing compositions in emulsified form

Petroleum

Dispersing agent in making—
- Emulsified cutting oils for screwpress and lathe work
- Emulsified mineral oils
- Kerosene emulsions
- Naphtha emulsions
- Petroleum pitch emulsions
- Petroleum tar emulsions
- Soluble greases in emulsified form
- Solubilized emulsified oils and distillates
- Textile oils in emulsified form, such as rayon oils

Plastics

Dispersing agent in making—
- Emulsified plastic compositions

Resins

Dispersing agent in making—
- Emulsified preparations of natural or artificial resins

Rubber

Dispersing agent in making—
- Emulsified rubber cements and compositions

Soap

Dispersing agent in making—
- Emulsified detergents, containing soaps, used for various purposes
- Emulsified hand-cleaning compositions containing soap
- Emulsified textile soaps

Textile

Bleaching

Dispersing agent in making—
- Emulsified bleaching baths

Dyeing

Dispersing agent in making—
- Dye baths in emulsified form

Solvent for—
- Oil-soluble dyestuffs (enables the incorporation of the dye in water)

Finishing

Dispersing agent in making—
- Emulsified coating compositions
- Emulsified scouring compositions
- Emulsified sizing compositions
- Emulsified washing compositions
- Emulsified waterproofing compositions
- Emulsified waxing compositions

Manufacturing

Dispersing agent in making—
- Emulsified baths for the carbonization of wool
- Emulsified baths for degumming and boiling-off silk
- Emulsified baths for soaking silks
- Emulsified bowking baths
- Emulsified compositions used for degreasing raw wool
- Emulsified fulling baths
- Emulsified kier-boiling baths for cotton
- Emulsified mercerization baths
- Emulsified spinning compositions
- Oiling emulsions for various textile purposes

Printing

Dispersing agent in making—
- Emulsified printing pastes

5-Methoxyorthotoluidide

Dye

Starting point (Brit. 434209 and 434433) in making—
- Yellowish-red, water-insoluble dyestuffs by coupling (in substance or on the fiber) with parachlorophenylorthotoluidin-4-sulphonate
- Bordeaux-red, water-insoluble dyestuffs by coupling (in substance or on the fiber) with phenyl-3-chloropara-anisidin-6-sulphonate
- Bordeaux, water-insoluble dyestuffs by coupling (in substance or on the fiber) with 2:4-dimethoxyanilin - 5 - sulphonbenzylmethylamide

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2-Nitro-2′-amino-4′-methoxy-5′-methyl-4-trifluoromethylazobenzene

Dye

Coupling agent (Brit. 434416) in making—
- Dark-brown water-insoluble dyestuffs with orthoanisidide

Parachlorophenylorthotoluidin 4-Sulphonate

Dye

Coupling agent (Brit. 434209 and 434433) in making—
- Yellowish-red water-insoluble dyestuffs with 5-methoxyorthotoluidide

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Triethyl-Arsenic

Lubricant

Starting point (Brit. 440175) in making—
- Addition agents for high-pressure lubricating oils or greases, by reacting with oil-soluble organic compounds

Coaltar Chemicals

Benzol Holds Steady—Cresylic Acid and Phenol in Good Demand —Crude Naphthalene Continues Quiet — Phthalic Anhydride, Betanaphthol and Anilin Oil Active

The market for the coaltar chemicals was quiet during the week just closed. Seasonal curtailment in the production schedules of certain consuming industries promoted further caution in buying. However, cresylic acid and phenol were exceptions, for the synthetic resin industry was operating at a high level. Crude naphthalene was quiet. Toluol was firm. Benzol was dull. Coaltar intermediates and colors continued to note a fairly active demand, with the prices generally steady to firm.

The shortage in cresylic acid was unrelieved, with reports from abroad indicating that some countries had little, if any, supplies to offer for nearby shipment; in fact, some sources were of the opinion that some foreign countries were showing interest in shipment for 1937 only. Crude naphthalene was much the same as the preceding period, with the talk concerned largely with forward shipments into 1937. Synthetic resin industry continued to purchase substantial quantities of phenol. Toluol was slow, but the letdown in buying here was expected to be short-lived, for the changing-over to new models by the automobile manufacturers was expected to require less than the usual amount of time allotted to this procedure, for retail sales of automobiles have been holding up well. Solvent naphtha and xylol were firm. Anilin oil, betanaphthol and phthalic anhydride were active.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	126.3	126.5	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market for this material continued to experience a slow demand during the week just closed, with the rubber tire manufacturers and other usual consumers adhering to the policy of purchasing supplies for immediate production wants only. Iron Age reported that steel mill operations rebounded to 72½ percent of capacity, a new high for the year. Incoming orders for finished steel products are at such a steady pace that backlogs are being reduced only slightly. The same source further points out that prospects are developing that look promising for the fourth quarter.

Creosote Oil.—A fairly good interest was shown in the market for this material, with the shipments moving for the account of the major railroad systems and the public utility companies with a good degree of consistency, and prices were regarded as steady to firm.

Cresylic Acid.—The shortage in this market was unrelieved, with the prices displaying a strong tone. The volume of business reaching this market was large because of the broad activity in the synthetic resin industry and the other routine consuming channels.

Naphthalene.—Although the market was a rather quiet affair, with the routine shipments making up the call, the market noted a fair amount of interest as far as 1937 was concerned. It was generally believed that the domestic production in 1937 would figure more prominently, inasmuch as reports continued to come from abroad telling of the small amount of stocks on hand there.

Phenol.—This market continued to enjoy a good inquiry, with the shipments moving out to the synthetic resin industry, the pharmaceutical trade and the dyestuff intermediate manufacturers in volume sufficient to cover for nearby requirements, and prices were unchanged.

Pitch, Coaltar.—Demand was fair here again last week, with the prices displaying a steady tone. The position of the Netherland trade in coaltar pitch during the second quarter of 1936 became considerably worse. Because large stocks were on hand and the season for the manufacture of briquets over (season commences September-October), prices could not be maintained at the same level as during the first quarter of 1936 and averaged not more than 30-32 shillings per metric ton f.o.b. (January-March, 1936; 42 shillings). Coaltar pitch is used in the Netherlands mainly in the manufacture of briquets and construction of roads. Imports in the first half of 1936 amounted to 5,957 metric tons compared with 10,810 metric tons in the same period a year ago. Exports totaled 7,016 metric tons, against 10,615 metric tons in the same period 1935, according to the consul at Rotterdam.

Solvent Naphtha.—Industrial water white commodity moved out at a good pace, and prices ruled firm. There was little to review in the market for the high flash material, with quotations firm.

Toluol.—A slower market was shown for this material again last week, with the shipments moving for the account of the usual consumers in conservative volume, but the prices were firm, for it was generally believed that the shutdown of motorcar manufacture, for the purpose of changing over to new models, would be shorter than usual this year.

Xylol.—This market enjoyed a good demand, and quotations were steady to firm.

CHICAGO, Aug. 20.—Featured by a certain amount of contradictory and uneven tendencies in benzols, the coaltar bases have otherwise maintained an even and steady tenor in the market here. Trade has been of fairly good proportions throughout the general list for the last few days ,and tone at large is healthy. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c., solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—This market presented little variation from recent weeks, with the shipments confined to actual requirements, but the prices ruled steady to firm.

Broenner's.—Nothing new was uncovered in this direction, with the call restricted to small quantities, and the prices ruled at previously established levels.

Gamma.—Another quiet week was noted in this market, with demand showing a tendency to drag, but the prices held at previous levels.

Salicylic.—A good inquiry was in evidence for this material at intervals during the week, with the prices displaying a firm tendency, and quotations were without change.

Sulphanilic.—This market presented little change last week, with the routine dye manufacturers ordering out conservative quantities, and prices were well maintained.

Tobias.—Despite the dull character of demand in the market at times during the period under survey, sellers reported quotations were in line with previous values.

Other Intermediates

Alphanaphthol.—This market continued to note an irregular demand during the week just closed, with the prices displaying a steady tone.

Anilin Oil.—Although the market appeared quiet at times, the volume of business shipped to routine consumers was fairly good last week, with the prices displaying a firm tone.

Benzidin Base. — Indications here were that consumers were remaining aloof from the dealings unless needs became imperative, but the prices ruled firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

CHEMICALS

BARRETT

Barrett CHEMICALS

TAR ACIDS

Barrett Tar Acids are produced to meet highest standards of quality, uniformity and dependability. Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.

PHENOL

(Natural) U. S. P. 39.5°C. and 40°C. Minimum Melting Points are pure white crystalline products generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.

39° C. M. M. Pt. Technical approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopœia specifications.

82-84 per cent and 90-92 per cent Technical — grades which contain limited amounts of Ortho, Meta and Para Cresols.

CRESOLS

U. S. P. Barrett Cresol U. S. P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.

Meta Para Cresol. Standard grades having boiling ranges of 3°C. and 5°C. with Meta Cresol content 54.5 per cent and 52 per cent minimum respectively.

ORTHO CRESOL

Minimum Melting Point 30.4°C. Also special Cresol Fractions to meet users' specifications.

CRESYLIC ACID

99 per cent, straw color, and 95 per cent, dark, grades of various distillation ranges, depending on requirements.

XYLENOLS

Boiling range 210-225°C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).

TAR ACID OILS

Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.

●

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consulation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY

40 Rector Street, New York, N. Y.

Betanaphthol. — A broad buying movement continued in evidence for this material again last week, with the shipments measuring up to contract allotments, and prices ruled unaltered.

Dinitrobenzene.—This situation offered little improvement from a demand standpoint, with the quotations noting a firm tone, but demand continued to show a tendency to lag.

Metatoluylenediamine. — Betterment in the buying was definitely lacking in this market, but the prices continued to display a firm tone.

Orthodichlorobenzene.—A firm tone featured the dealings in this direction, with the shipments moving out at a fair pace, and the prices ruled unchanged.

Phthalic Anhydride. — Substantial shipments were moving out to the synthetic resin industry again last week, but the prices ruled at previously established levels.

R Salt.—While the market failed to reveal an improvement from a demand standpoint, sellers reported the presence of a steady to firm price position.

Toluidin.—Quiet prevailed in this direction, with the sellers holding to previous prices.

Coaltar Colors

The market for the coaltar colors moved through a highly irregular week, with the textile trade showing an inclination to purchase supplies only when needs reached an imperative point, and prices were in line with quotations of the preceding period. Some divisions of the textile industry continued to operate at relatively good levels, with the domestic cotton cloth mills especially holding up well. Except for July, 1935, when consumption was abnormally stimulated by the NRA and processing tax, the past July was the highest consumption on record. It is estimated that about 50 percent of the imports of dyes into India is consumed by the native dyers and the hand loom industry. A very large percentage of this business is brought about by the large importations of piece goods, the bulk of these being dyed or printed after importation. Since the demand is principally for cotton piece goods as distinct from those of other materials, dyes used by the independent dyers are almost altogether those which are suitable for cotton materials, according to the consul general at Bombay. Imports in the fiscal year ending March 31 amounted to 20,451,683 pounds, against 19,356,308 pounds in the corresponding previous year. In the 1935-36 year, United States supplied 1,427,137 pounds of the total, with the residue from Germany, United Kingdom, Switzerland, Japan and other countries.

KOPPERS
BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE
KOPPERS [illegible] COMPANY
KOPPERS BUILDING · PITTSBURGH, PENNA.
Offices and Plants in Important Cities

Barnsdall Midway Oil Wins Suit for Oklahoma Leases

The Barnsdall Midway Oil Company, controlled by the Barnsdall Oil Company, was awarded a share in the Piersol and Russell leases in the North Oklahoma City oil field, of the British-American Oil Producing Company, controlled by the British-American Oil Company, by District Judge R. P. Hill, in Oklahoma City, August 11. The leases are valued at $2,500,000.

Tracing dealings of the companies after a contract of 1935, Judge Hill held it a "breach of the good-faith relationship" when the British American Company obtained the tracts independently. The court also held that the British American did not keep the Midway posted about progress of the Mary Green well, in which the two companies were joint "adventurers."

Percy C. Magnus, president of the New York Board of Trade has been made a member of the board of trustees of the New York Convention and Visitors Bureau. He will represent the board of trade which recently joined with other organizations co-operating with the convention bureau.

J&L
benzol service
Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.
Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.
J & L LIGHT OIL DISTILLATES
Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*
J&L STEEL
JONES & LAUGHLIN STEEL CORPORATION
American Iron and Steel Works
Pittsburgh, Pennsylvania

Dye Output and Sales By Colors and Classes

Production and sales of domestic synthetic dyes in the United States in 1935 have been tabulated by the United States Tariff Commission on the basis of classes of application as follows:—

	Production.	Sales	
	Pounds.	Pounds.	Value.
Acid	14,593,749	14,168,009	$11,077,102
Basic	5,389,058	4,974,882	4,338,892
Direct	26,073,439	25,087,369	13,147,875
Acetate rayon	*1,963,276	*1,479,600	*1,879,736
Lake and spirit-soluble	2,081,012	2,063,120	1,277,092
Mordant and chrome	6,264,133	6,308,849	3,041,479
Sulphur	16,949,143	17,009,957	3,798,351
Vats (including indigo)	27,908,296	26,180,465	12,272,209
a. Indigo	13,614,238	14,051,451	2,452,243
b. Other vats	14,294,058	12,129,014	9,819,966
Unclassified	710,555	682,213	655,625
Totals	101,932,661	97,954,464	$51,488,361

* Includes certain dyes not classed as acetate rayon dyes in 1934.

The commission has also tabulated the 1935 production on the basis of colors. The various items in this classification are as follows:—

	Blacks.	Blues.	Browns.	Greens.	Oranges.	Reds.	Violets.	Yellows.
Acid*	3,385,096	2,613,233	475,566	656,248	1,790,774	2,644,261	671,276	2,033,377
Basic	23,670	949,879	723,109	282,970	659,385	808,735	1,008,600	932,710
Direct	12,994,624	3,122,522	2,253,325	944,180	749,063	3,024,903	442,030	2,542,792
Acetate rayon	649,127	367,568	6,983	.....	174,862	220,214	98,653	239,658
Lake and spirit-soluble	930,860	96,073	4,036	2,365	297,438	587,144	2,804	160,290
Mordant and chrome	3,760,872	184,313	858,472	119,150	35,612	664,405	17,035	624,274
Sulphur	12,067,262	1,620,154	1,907,171	217,857	29,661	789,704	.....	227,334
Vat	602,819	22,063,302	1,646,796	799,488	700,822	494,062	385,698	1,217,309
Unclassified	.....	.....	.....	.....	.....	.....	.....	.....
Totals	34,414,330	31,017,044	7,965,460	3,022,253	4,437,617	9,233,428	2,624,096	7,977,744

* Food dyes not included.

Polish Dye Industry Helped by Government

The Polish government, for some ten months, has been helping the domestic synthetic dye industry surmount adverse conditions, which reached a serious stage in 1935, caused by price-cutting competition on the part of small producers. This competition, chiefly in the field of dyes easily manufactured, disorganized the industry in 1935, according to information received by the Department of Commerce from the commercial attache at Warsaw. Large manufacturers found their markets limited to high-class dyes and intermediates, demand for which was relatively small. Their earnings were diminished, and they petitioned the Ministry of Industry and Commerce for a concessioning of the dye industry.

Because of the importance of the industry economically and in connection with national defense, the government granted this request on the basis of the industrial law of March 10, 1934 (J. L. 40, item 350), and affected the concessioning of the dye industry October 1, 1935.

Immediately thereafter large manufacturers forced their cut-price competitors into liquidation chiefly for noncompliance with the provisions of the concession. Out of some thirty-six dye manufacturers operating at the end of September, 1935, only four remained at the end of the year. Notwithstanding this reduction of operative units, the volume of production in 1935 slightly exceeded that of the previous year, amounting to 1,858,000 kilos, compared with 1,800,000 kilos.

The number of products manufactured was increased with the addition of anthraquinone, alphanaphthol, betaoxynaphthoic acid, paranitroanilin, and various rubber vulcanizers and rubber dyes. This list is being further extended this year, through consolidation of the industry and the government's willingness to finance certain investments required for the manufacture of different intermediates.

Margarin Manufacturing Operations During June

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in June, 1936, compared with June, 1935, as follows:—

	Pounds	
	June, 1936.	June, 1935.
Production of uncolored margarin	*25,645,522	†25,016,509
Production of colored margarin	‡188,822	§246,245
Total production	25,834,344	25,262,754
Percent increase, 2.2%		
Uncolored margarin withdrawn tax paid	26,037,562	25,205,777
Colored margarin withdrawn tax paid	39,348	34,342

Ingredients used in the production of colored and uncolored margarin in June, 1936, compare with June, 1935, as follows:—

In Uncolored Margarin

	Pounds	
	June, 1936.	June, 1935.
Babassu oil	1,180,918	.....
Butter	.....	50
Coconut oil	3,639,579	11,400,903
Corn oil	177,486	.....
Cottonseed oil	6,631,710	6,396,858
Derivative of glycerin	72,115	83,777
Lecithin	1,139	2,630
Milk	5,476,586	5,926,754
Neutral lard	138,038	205,662
Oleo oil	1,424,752	1,138,905
Oleo stearin	286,832	173,895
Oleo stock	118,581	199,586
Palm oil	223,781	.....
Palm kernel oil	307,724	.....
Peanut oil	215,600	271,125
Salt	1,293,395	1,387,308
Sesame oil	4,637	3,387
Soda benzoate	10,574	13,527
Soybean oil	953,278	59,460
Totals	28,156,725	27,263,417

In Colored Margarin

Babassu oil	765	.....
Coconut oil	96,080	71,196
Color	151	247
Corn oil	3	.....
Cottonseed oil	17,788	28,365
Derivative of glycerin	379	289
Milk	44,020	70,815
Neutral lard	4,172	3,334
Oleo oil	26,350	80,589
Oleo stearin	3,475	6,250
Oleo stock	2,453	1,570
Palm oil	375	.....
Peanut oil	4,593	599
Salt	14,256	17,062
Soda benzoate	31	17
Soybean oil	1,766	.....
Sunflower seed oil	.....	14,500
Totals	216,657	294,833

* Of the amount produced 26,661 pounds were reworked.

† Of the amount produced 30,570 pounds were reworked.

‡ 256 pounds were reworked.

§ 384 pounds were reworked.

Eagle-Picher's Staff Plays Golf

Eagle-Picher Lead Company's Cincinnati office and laboratory employees held a golf tournament August 8 at the Twin Oaks Country Club, Rosedale, Ky., with the following results:—First flight, won by Earle McMullen, research director, with N. A. Blair second; second flight, won by John R. MacGregor, with R. E. MacCormack second; third flight, won by L. J. Planck, Jr., with Frank Chinery second. The events were in charge of M. J. Scott and Douglas Via.

Petroleum Freights Changed

The Interstate Commerce Commission has authorized establishment of new rates on petroleum and petroleum products from a group of points in Texas to points in southern Louisiana and maintenance of higher rates to intermediate points. The rates are authorized for the purpose of permitting the carriers to compete with water traffic and with railroads having a more direct route. The Texas shipping points affected are Houston, Galveston, Texas City, Bayton, Beaumont, Chaison, Smith's Bluff, Port Arthur, West Port Arthur, Port Neches and directly intermediate points in Texas.

General American Income Up

General American Transportation Company and subsidiaries report for the first six months of this year a net profit of $1,030,589, after depreciation, interest, Federal taxes and other charges, but exclusive of undistributed profits tax. The earnings are equivalent to $1.13 each on 905,778 average shares of $5-par capital stock outstanding. In the corresponding half of last year, the net profit was $945,265 or $1.15 each on 818,203 shares then outstanding.

Eagle-Picher Earnings Increase

Preliminary report of the Eagle-Picher Lead Company for the first half of this year will show operating profits of approximately $330,000, A. E. Bendelari, president, has announced. This will result after a charge of $426,323 for depreciation and depletion and after setting aside $68,000 for Federal income taxes, but without provision for assessment on undivided profit taxes. In the first six months of 1935 the company reported operating profits of $128,195.

Awaredo Petroleum Company, Tulsa, is starting deep exploratory work nine miles west of Cheyenne, Wyo.

Dyestuffs and Textile And Leather Chemicals

Keen Competition Forces Egg Albumen Prices Lower—Egg Yolk Unchanged—Valonia Declines on Indications of Normal Crop —Sumac Declines—Wattle Bark and Myrobalans Higher

The market for the dyestuffs and tanstuffs noted an irregular demand again last week. Despite the contra-seasonal operations in certain units of the textile and tanning industries, it was quite evident that the hand-to-mouth buying policy was still in effect on the buying side of the market. Changes in the market included a rise in the prices for the corn derivatives, wattle bark and myrobalans, and a lowering of quotations for egg albumen, sumac and valonia.

Advance in the prices for the corn derivatives reflected the sharp rise taking place in the basic product, with the basic product rising to a price of $1.16 per bushel. The rise in the corn products has amounted to $1 per 100 pounds since July, at which time the first signs of the severe drought were evident. An alleviating factor might possibly be in the importation of corn from Argentina. Decline in egg albumen resulted from keen competition, but the prices for egg yolk were unchanged. Wattle bark was higher and myrobalans moved forward, due to exchange rates moving up. Decline in valonia came about as a result of the expectation of a normal crop, the gathering of which gets underway in September. Bichromates continued firm. Zinc dust was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Dextrin, corn, 20c. per 100 lbs.
Myrobalans, 75c. per ton.
Starch, corn, 20c. per 100 lbs.
Wattle bark, $1 per ton.

Reduced

Albumen, egg, 1c. per lb.
Sumac, $2 per ton.
Valonia, beards, $5 per ton.
cups, $5 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	152.6	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—There was a fair buying movement noted from the pharmaceutical and dye trades, with the prices displaying a steady to firm tone.

Antimony Salt.—Although the market was a rather dull affair again last week, with consumers purchasing only when needs became imperative, sellers reported prices were without change.

Potash Bichromate.—Shipments were moving against contracts at a fair pace during the period under survey, with the prices holding firm at the levels in effect for sometime past.

Potash Prussiate.—The market for the red material noted a spotty demand, with the prices firm. There was little to report in the call for the yellow product for the consumers were ordering out only moderate quantities at intervals during the period under review.

Soda Bichromate.—While important developments were lacking during the week just ended, with the shipments moving to the various channels of consumption at a consistent pace, sellers reported quotations were without change.

Zinc Dust.—Demand here was spotty during the week, with the prices holding unchanged, for the basic metal continued to display a steady tone.

Dyestuffs

Annatto.—The market for the paste and seed materials continued quiet during the week, but the price tone remained steady, and sellers were asking previous quotations.

Archil.—A firm tone was a prominent factor in this direction, although the call showed little betterment, for consumers continued to purchase in a conservative fashion, and prices were without change.

Cochineal.—The market for the Teneriffe silver and grey item noted a spotty call again last week, with the carmine industry and other routine buyers ordering out for actual wants only, and quotations were without change.

Fustic.—The textile industry continued to limit purchases to immediate production requirements, bringing about a highly irregular call, but the prices for the various sorts were in conformity with the quotations in for previously.

Indigo.—The market for the natural product was spotty, but the prices ruled unchanged. There was little to review in the market for the synthetic item, with demand irregular, but prices were without change.

Logwood.—This market offered little improvement from a demand standpoint, with the sellers holding to previous values, and demand consisted of routine shipments.

Sizing Materials

Albumen.—The price for the edible egg material was lower by 1c. per pound last week, with the reduction in the price attributed to the keen character of the competition which developed as a result of the desire to move stocks. Prices for the blood material were slightly firmer.

Dextrin.—Prices for the corn derivatives were advanced 20c. per 100 pounds, with the rise in the quotations attributed to the rise in the price for the basic material.

Egg Yolk.—Business was transacted on a relatively small scale during the week just closed, with the prices holding unchanged. And the holding of the prices at previous levels could be attributed to the conservative volume of surplus stocks.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday whole mixed futures closed at 17.50c. to 18.50c.; Sept., 17.60c. to 18.75c.; Oct., 17.70c. to 19.10c.; Nov, 19.50c. asked. Spot nominal.

Starch.—An advance of 20c. per 100 pounds was noted in the price for corn derivatives during the week just ended, with the rise in the corn derivatives due to the rise in the basic product to $1.16 per bushel. Imports of millions of bushels of corn from Argentine were foreseen by the announcement of the Bureau of Agriculture Economics to the effect that Argentina had an exportable surplus of more than 264,000,000 bushels. It was believed that corn imports from Argentina will serve to alleviate the dairy product situation somewhat along the Atlantic and Pacific coasts, where the feed corn can be brought in cheaply. Argentine corn was offered August 13 in the San Francisco market for September shipment at 93c. per bushel. A corn grind of 6,282,527 bushels during July for products going into domestic use was reported through the Corn Industries Research Foundation Friday in behalf of eleven refiners of starches, syrups, sugars and other products of corn. In July, 1935, the industry ground 4,001,072 bushels of corn. For first seven months 1936 grind amounted to 42,172,296 bushels of corn, against 30,137,030 bushels in like period of 1935. The corn crop shows improvement because of recent showers in parts of the Eastern belt. But nearly everywhere between the Mississippi River and the Rocky Mountains the continuation of hot, dry weather has caused further deterioration, rather marked in many places, according to the government weather and crop report.

Tanning Materials

Divi-Divi.—Business here was negligible, with the sellers reporting a nominal range of $30 to $32 per ton.

Gambier.—There was a fair demand shown in this direction during the week under review, with the prices for the common material listed at previous levels and there was little to report in the market pricewise for the Singapore cubes or plantation item.

Mangrove Bark.—Demand here was restricted to actual wants, but the prices were held at $26 to $27 per ton.

Myrobalans.—A slight advance was shown in the price for the J1 material, with sellers listing $23 per ton and the R2 item was priced at $15 per ton, with the J2 material listed at $14.50 per ton. The higher exchange rate was the reason for the increased prices.

Sumac.—The market for the ground material was priced at $60 per ton and the leaf was listed at $65 per ton.

Quebracho.—A fair demand was shown for this article, with a steady to firm call in evidence.

Valonia.—The new crop, the gathering of which takes place in September, and which is expected to be of normal proportions in contrast to the previous short crop, caused sellers to list a price of $46 per ton for the 42 percent beards, October, November and December shipment. Spot material was said to be bringing about $55 per ton. Cups for fourth quarter shipment were said to be listed at $35 per ton. Powdered material was priced at 5½c. per pound.

Wattle Bark.—Prices here were slightly higher at $29 to $30 per ton, and demand was fair.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Distribution Control Attacked by F. T. C.

(Continued from page 3)

associations to dealers who fail to abide by the program. The result of these alleged practices, the complaint says, has been an unwarranted increase in the cost of construction, repair, and maintenance work in which lumber and related materials are used.

The respondents are allowed until September 18 to show cause why the commission should not order them to cease and desist from the practices alleged in the complaint to be in violation of section 5 of the Federal Trade Commission act.

Sulphur production from Hungarian pyrites has been started at a new plant of the Metallochemia concern, Budapest. Its capacity is said to be 3,000 tons.

DuPont Picnic Attracts 16,000

More than 16,000 persons took part in the second annual picnic given by E. I. duPont deNemours & Co., for the employees of the Deepwater plant and their families at Riverview Beach, Penns' Grove, N. J., August 15. There were track and field events, a soft ball game, free rides on the park amusements, a floor show in the large pavilion, and two bands for dancing in the afternoon and evening. A feature event was the baseball game between a picked team representing the Gibbstown plant and the Dye Works All-Stars, which the latter team took by a score of 9 to 6.

Trade News Briefs

Dentrifice production in Japan amounted to about 12,000,000 yen in 1935, having increased rapidly in the preceding two years. Imports of these products amount to but 100,000 yen annually, the United States supplying about 70 percent.

Drug and cosmetic importers and dealers in British Honduras and Mozambique are listed in directories prepared by the Bureau of Foreign and Domestic Commerce. Particulars can be got from the chemical division of the bureau in Washington.

Aussiger Verein, largest chemical concern in Czechoslovakia, increased its sales 6.5 percent in 1935, compared with the preceding year. The increase was wholly the result of bigger domestic business in coaltar dyes fertilizers, and specialties, exports and the general heavy chemical business having decreased. A comprehensive report on the concern's business may be borrowed from the Chemical Division of the Bureau of Foreign and Domestic Commerce, Washington.

Drug manufacturing in Mexico has increased substantially since the enactment in 1928 of the law requiring registration and certification of medicinal preparations. Domestic products now represent 20 percent of the trade in these articles. A significant trend has been the decrease in imports from the United States which supplied about 60 percent of the Mexican demand in 1928. This proportion is now but 20 percent, although imports from other countries represent 50 percent of the demand. United States firms do considerable manufacturing in Mexican branches.

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

ACETATE SALTS
and SOLUTIONS for
Textile Dyeing, Printing and Water Repellent Finishes
SALTS
Ammonium Ferric Potassium
Chrome Lead Sodium
Copper Manganese Zinc
SOLUTIONS
Aluminum Iron Potassium
NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.

MUTUAL BICHROMATES
BICHROMATE OF POTASH
BICHROMATE OF SODA
OXALIC & CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE., NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY
MINES IN NEW CALEDONIA

Building and Paint Join in the Modern "Swing"

Everything's "swinging" these days. Music, for example, and business. We know less than nothing about "swing" music but we do know when business news is music to our ears, as for example:

Building Swings Upward:

June building best in a month since 1929, says the *New York Times*. New home building and modernization more active than at any time since May, 1931, says the Dodge Corporation. . . . Residential building permit index for June, 1936, stands at the astounding figure of 742.9 compared with an index of 100 based on monthly averages for 1933. So says the Federal Housing Administration.

All of which is sweet music, because new building means paint.

Paint Sales Swing Upward:

Trade sales of paints, varnishes and lacquers in the first five months of 1936 were 6.5 percent larger than 1935. Not nearly as great as the building gain percentages, but they start from different levels. They aren't comparable. The point is that paint sales are gaining, and the further point is that the certain continuation of building gains will boost the sales of paint. Also, music to our ears.

Another Swing—Slight but Important:

The *New York Times* further states that in nine representative cities there was an upswing of 1 percent or more in August home building costs. . . . Ever so slight, but highly important, for that is what the experts have been waiting for. Such a trend toward greater values would in its full development mean great things in the sale of quality paints and quality painting jobs.

The Swing to "Style in Paint":

A return to higher values in building operations would indicate that the time is ripe for the paint industry to swing into action with the "Style in Paint" sales campaigns which, according to experts, are necessary to lift industry sales volume into higher brackets than are attainable otherwise. The business-getting possibilities of the "Style in Paint" sales angle have been emphasized for more than a year in the leading articles of NATIONAL PAINTERS MAGAZINE: reaching more than 55,000 readers monthly—painting contractors, wholesale dealers in paints and materials, architects, lumber dealers selling paints, real estate managers of banks, insurance and trust companies, etc.

The Swing in Advertising:

The value of NATIONAL PAINTERS MAGAZINE in influencing the buying habits of the great professional paint-consuming market represented by the above categories is illustrated by the swing in national paint advertising in the last year. Nineteen new advertisers in NATIONAL PAINTERS MAGAZINE and seventeen increases in space by old advertisers is the record!

Manufacturers Are Invited to Send for Circulation Data and Advertising Rates

National
PAINTERS MAGAZINE
PAINTING AND DECORATING
12 Gold Street • New York

Paint, Varnish, Lacquer Materials

General Activity Light — Casein Prices Move Higher — Pigments Dull—Naval Stores Quiet But Tone Remains Firm— Congo Gums Lower

Although general market activity in the paint, varnish and lacquer chemicals group has been suppressed by the usual August dullness, regular buying operations are noted in several quarters. Materials used in the production of synthetic enamels are active.

Casein furnished the principal price movement of the week. Offerings of this article are small now and sellers predict further increase in cost as the supply undergoes further shortening. Other price movements last week included an advance in the price of tricresyl phosphate and lower prices for certain gradings of Congo copal gum.

Pigment materials are rather quiet under usual August conditions and reports from the middle West indicate that there is little life in the market as the result of continued high temperatures and the effects of drought conditions. Color manufacturers report a fair activity, particularly from ink makers. Spanish red oxide holds unchanged and importers are still able to cover the needs of the their regular customers at market prices. There were no new developments on the condition of the market abroad and some suppliers are still out of communication with their principals in the Malaga district. Carbon blacks hold steady and the iron oxide pigment colors—both natural and synthetic—are also steady and unchanged in price.

Rosin and turpentine were less active in Southern and local markets last week but the tone in general remained firm. It is said that some definite announcement will be forthcoming from an official source at about the end of the current month, with respect to the extent of the movement to curtail production. Receipts at primary points showed some decrease.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., ¾c. per lb.
Glue, hide, medium and high grades, 1c. per lb.
Rosin, pale grades, 15c. per 280 lbs.
Tri-cresyl phosphate, 2c. per lb.

Reduced

Gum, copal, Congo, No. 12, ¼c. per lb.
No. 13, ⅜c. per lb.
No. 14, 1½c. per lb.
Rosin, medium grades, 2½c. per 280 lbs.
Turpentine, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	129.9	129.9	134.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The demands for lead were excellent and except for the closing days of the week, sellers were able to book their daily intake. The price continued firm and unchanged at 4.45c. per pound East St. Louis and 4.60c. to 4.65c. per pound at New York, according to seller. July production in United States was 39,576 short tons against 38,818 tons in June and 34,424 tons in July last year. Shipments were 38,996 tons against 37,736 tons in June and 34,575 in July last year. Lead stocks were 231,081 tons at the end of the month against 230,481 tons at the end of June and 230,915 tons at the end of July, 1935.

The zinc market lacked feature and was very quiet. The purchasing of zinc has been perfunctory for the past several weeks and the price holds at the basis of 4.80c. per pound at East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 15 to August 21, inclusive, are as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0460@.0465	$0.0445	.. .. ..
Monday	.0460@.0465	.0445	16 13 9
Tuesday	.0460@.0465	.0445	16 12 6
Wednesday	.0460@.0465	.0445	16 13 9
Thursday	.0460@.0465	.0445	16 15 0
Friday	.0460@.0465	.0445	16 15 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 15 to August 21, inclusive, are as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05225	$0.0480	.. .. ..
Monday	.05225	.0480	13 12 9
Tuesday	.05225	.0480	13 10 0
Wednesday	.05225	.0480	13 8 9
Thursday	.05225	.0480	13 10 0
Friday	.05225	.0480	13 8 9

Pigments

The nature of the week's business in pigment materials was not much different from that of a week ago. Makers of specification paint showed the largest need for replacement among the manufacturers of surface coatings but the activity of the rubber products and linoleum trades continues to hold relatively greater than the buying by makers of finishes. Pigment prices continue in an even position and the entire market was without change.

White Lead.—The market continues with Summer dullness as its foremost characteristic but there is a fair business with the makers of specification goods. Corroders continue to quote the prices that have been in effect for some time.

Red Lead.—Pig lead appears quite strong again but it has looked that way several times in the recent past and prices hold unchanged. This derivative moves automatically with each change in the price of the metal and there has been no change for some time. The demands of the market are routine at this time.

Litharge.—In company with other lead derivatives, the market is potentially strong on the strength of pig lead but there has been no change in prices for some time.

Lithopone.—This is one of the commodities that seems to be moving at a fairly good rate. Considering the usual dullness of the Summer months, there has been a fair demand for deliveries during recent weeks. The Western manufacturers are not so active as those in the East because of heat and drought conditions. Prices hold unchanged.

Titanium Pigments.—As reported previously, there is a little more business being done than is usual for August. Prices for titanium oxide and the compounds continue at schedule.

Zinc Oxide.—Quotations for lead-free and leaded zincs continue at schedule levels. The withdrawals against contracts continue fairly active for this time of the season. The rubber trade's production schedules for this month were somewhat under those of July but are fairly well dimensioned.

Fillers and Extenders

Materials used as fillers and extenders, and inert pigments, continue under rather spotty request and the market holds the characteristics that have been evident during July and the forepart of the current month. There have been no changes in prices for the materials included in this division of the market.

Barytes.—There has been no change in the market. Domestic and foreign materials move in routine fashion into regular channels of consumption.

Talc.—Industrial grades continue without price shift. The domestic talcs have been ordered in moderately active fashion since this article was last reported. Fibrous grades have had a fairly good Summer.

Whiting.—Suppliers of chalk and limestone materials have not reported any change in prices for some time.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

SUPERLITH XXX
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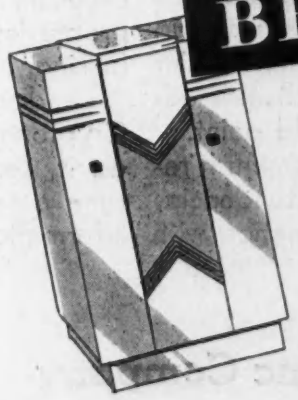

PROBLEMS with furniture manufacturers and cabinet makers can be remedied, perhaps entirely eliminated, with No. 1316 Beckosol.

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World's Largest Producer of Surface Coating Synthetics
FERNDALE STATION DETROIT, MICHIGAN
BECKACITE BECKOLIN BECKOPOL
SYNTHE-COPAL ESTER-GUM KOPOL

The demands of the market are understood to be routine.

Dry Colors

Color manufacturers report a fairly good business now. Both earth and chemical colors are moving better than is the usual fashion for this time of the year. As yet there have been no price developments in Spanish oxide reds. Other iron oxides, natural and synthetic, hold an even position. Chrome oxide green continues at the low price that has been in force for some time.

Carbon Black.—Specialty blacks for the makers of finishes are moving in good fashion at unchanged prices. Standard black for the tire trade is not moving as heavily as it did in July, but the August purchases are still regarded as fairly good. Prices hold evenly throughout.

Chrome Oxide Green.—Prices continue in an unchanged position. Car lots are still available at 17c. per pound while smaller quantities are priced at 18c. to 20c. per pound.

Chrome Yellow.—Quotations continue at the levels established some months ago and there is no indication of manufacturers contemplating a change from the present low levels.

Spanish Red Oxides.—Prices continue without advance. Importers are still limiting sales to their regular customers and invoices are written at the market prices. Leading suppliers are still out of communication with their suppliers in the Malaga district and there are no replacements coming from abroad. The market looks very strong although prices have not been altered since the hostilities cut off the source of supply a few weeks back.

Ultramarine.—The prices continue at schedule and the demands for cobalt and other types of blue are moderately active.

Varnish Gums

The many price movements of a week ago were followed by a period of comparative stability in prices and the only changes reported during the week under review were in the Congo copal group. The changes made involved Nos. 12, 13 and 14 in the Congo gums and all were reduced. The reductions in Manila and East India gums a week ago were not extended last week.

Copals.—The price for No. 12 Congo was reduced ¼c. per pound to the basis of 6¼c. and the price for No. 13 grading was lowered ⅜c. to the basis of 5½c. per pound, while No. 14 fully scraped ivory selects was lowered 1½c. per pound to the basis of 18c. These prices are for straight or mixed cars and are subject to the usual differentials for smaller quantities. The reductions which took place a week ago in several gradings of East India and Manila gums were not extended last week.

Dammar.—There has been no change in these gums since the advance in the price of Batavia A-D grading a week ago. Both Batavia and Singapore gums were in light request during the week.

Synthetic Resins

As reported here a week ago, a new price schedule for ester gums becomes effective September 1, and commitments are being made at the following basis: Car lots, 7¾c. per pound; 10-drum lots, 8c. per pound; and less than 10 drums, 8¼c. per pound. These quotations are basis delivered.

Naval Stores

Southern markets for naval stores seemed to some in the trade here to have an improved undertone last week. There was more or less irregularity in both rosin and turpentine at times but changes were generally within moderate limits. Domestic business was on a conservative basis in primary centers, consumers being disposed to limit their takings to moderate quantities after the liberal purchases in recent weeks. Some local interests were of the opinion that comparatively quiet markets were likely to be witnessed during the remainder of the current month, as usual at this period of the year. Also it is said that at about the end of August it will be possible to get a more definite view of the probable reduction in the output for the remainder of the year as an announcement from official sources is expected at about that time as to the extent of the curtailment movement.

Meantime consumption appears to be holding up well in industries which are large users of rosin and turpentine. In some fields the movement into consuming channels is said to be considerably larger than at this time last season. The export inquiry for rosin was fairly active last week and clearances of that commodity as well as turpentine for foreign destinations on contracts previously placed were liberal, the movement being chiefly from Jacksonville, where stocks showed a decrease for the week. Some in the trade were disposed to take a rather more optimistic view of the prospects for export business in rosin as increasing activity is reported in foreign industries which consume large quantities of that product, though the output of rosin abroad is said to be on the increase, especially in Russia. On the other hand political conditions in Spain are said to have materially curtailed exports from that country while production in France was curtailed during July, according to consular reports, by low temperatures and excessive rainfall.

Turpentine.—Business continued along rather narrow lines last week. In some quarters a fair volume of inquiries continued to be reported but purchases were generally limited to unimportant quantities, consumers being disinclined to anticipate to any extent at this period of the year. Prices showed moderate changes in primary centers and the undertone there as well as here apparently remained firm. Receipts were smaller and predictions were heard of a further decrease in the movement in the not distant future.

SAVANNAH, Aug. 21.—The turpentine market was quieter but the undertone remained firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Saturday ..	39½	77	613	1,539	35,471
Monday ...	38¾	104	400	242	35,629
Tuesday ...	38½	87	762	58	36,333
Wednesday..	39	104	337	58	36,612
Thursday ..	38¾	92	466	54	37,024
Friday	38¾	91	543	...	37,562

JACKSONVILLE, Aug. 20. — A firm undertone continued to prevail in the market for turpentine. Clearances were larger and stocks decreased. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Friday	39	137	292	18	48,995
Saturday ..	38¾	185	458	...	49,453
Monday ...	38½	109	473	6,395	43,531
Tuesday ...	38½	157	310	116	43,725
Wednesday..	38½	148	280	...	44,005
Thursday ..	38¾	139	209	2	44,212

PENSACOLA, Aug. 15.—The turpentine market was quiet and steady. Following is a record of the market for the week.—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Monday	209	100	29,308
Tuesday	169	122	29,355
Wednesday	73	162	29,266
Thursday	137	...	29,403
Friday	139	...	29,542
Saturday	155	...	29,697

CHICAGO, Aug. 21.—Turpentine maintains a fully strong market position here. The volume of buying if anything has tended to expand a bit. Both wholesale and retail business is along extremely active lines, and the general sentiment is strong. Inquiries are coming in actively, and the business is mostly being taken at firm, although unchanged prices, when compared with a week earlier. Aggregate business is large and size of individual orders somewhat larger than earlier. Ruling prices at the close of business last night were: Five-drum lots, 49c. per gallon; five wood barrels, 54c.; single drums, 52c.; single barrels, 57c.

LONDON, Aug. 21.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	41	0
Monday	41	0
Tuesday	40	9
Wednesday	40	0
Thursday	39	3
Friday	39	3

Stocks of American turpentine in London were:—

	August 21.	Previous week.	Last year.
Barrels	10,895	8,951	7,055

Rosin.—Quotations were more or less irregular in primary markets and developments there were reflected here.

Cryptone MS-130 is a distinctly different outside paint pigment. It had to be . . .

Cryptone MS-130 is a Zinc Sulphide Pigment containing approximately 50% Zinc Sulphide and 50% Selected Magnesium Silicate.

because in the extensive investigation which preceded its development, certain new and different fundamentals of outside paint durability were established which necessitated the creation of its many outstanding characteristics. The part that Cryptone MS-130 plays in a priming paint is unique. It conforms ideally to the recently established primer function known as "buffer action" in relieving the stresses and strains between the finish paint and the wood, or between the new finish paint and the old painted surface. It aids adhesion to all woods and to old paint.

As a general house paint pigment it reduces cracking and checking tendencies when used alone or in conjunction with other pigments. It imparts moderate, controlled chalking and cleaning. It possesses excellent tint retention and non-settling properties. Cryptone MS-130 is a high bulking, high hiding, low cost pigment.

Leading paint manufacturers are using Cryptone MS-130. If you have not tested it, send in the coupon and we will send a sample promptly, with complete information.

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160 Front Street, New York

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The undertone in general, however, was regarded as firm. No change was noted in the character of domestic business, consumers in many cases apparently being disposed for the time being at least to follow a more conservative course in purchasing operations than was recently the case. On the other hand, offerings were moderate much of the time. Receipts were somewhat lighter. There were reports of a fair export demand and clearances for foreign countries on unfilled contracts were rather liberal.

SAVANNAH, Aug. 21. — Rosin quotations were irregular, changes in prices being moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.60	$5.60	$5.60	$5.60	$5.60	$5.60
D	6.00	6.00	6.00	6.00	6.00	6.00
E	6.00	6.10	6.00	6.10	6.07½	6.02½
F	6.12½	6.12½	6.05	6.10	6.07½	6.02½
G	6.12½	6.12½	6.05	6.10	6.07½	6.02½
H	6.12½	6.12½	6.05	6.10	6.07½	6.02½
I	6.12½	6.12½	6.05	6.10	6.07½	6.02½
K	6.12½	6.12½	6.05	6.10	6.07½	6.02½
M	6.12½	6.12½	6.05	6.10	6.07½	6.02½
N	6.12½	6.25	6.05	6.30	6.12½	6.15
WG	6.50	6.60	6.60	6.70	6.45	6.60
WW	7.20	7.25	7.25	7.30	7.10	7.25
X	7.20	7.25	7.25	7.30	7.10	7.25
	Barrels					
Sales	863	621	481	1,177	570	553
Receipts	2,183	2,038	2,642	1,972	2,187	1,451
Shipments	5,184	538	1,691	30	426	...
Stocks	78,481	80,041	80,992	82,934	84,695	86,146

JACKSONVILLE, Aug. 20.—The rosin market was fairly active with the undertone firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$5.50	$5.50	$5.50	$5.50	$5.50	$5.50
D	5.50	5.50	5.50	6.10	6.10	6.00
E	5.75	5.75	5.75	6.10	6.10	6.00
F	6.10	6.05	6.05	6.10	6.10	6.00
G	6.10	6.05	6.05	6.10	6.10	6.00
H	6.10	6.05	6.05	6.10	6.10	6.00
I	6.10	6.05	6.05	6.10	6.10	6.00
K	6.10	6.05	6.05	6.10	6.10	6.00
M	6.10	6.05	6.05	6.10	6.10	6.00
N	6.15	6.07½	6.07½	6.17½	6.30	6.10
WG	6.35	6.40	6.40	6.50	6.70	6.45
WW	7.00	7.00	7.00	7.10	7.30	7.00
X	7.00	7.00	7.00	7.10	7.30	7.00
	Barrels					
Sales	624	410	823	...	1,188	1,262
Receipts	1,888	1,149	1,738	2,106	1,611	2,488
Shipments	763	10	9,722	3,278	4	...
Stocks	64,769	65,908	57,924	57,752	58,359	60,847

PENSACOLA, Aug. 15.—The rosin market had a steady tone. Receipts were moderate. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	541	642	308	408	374	365
Shipments	808	544	600	...	...	...
Stocks	33,911	34,009	33,717	34,125	34,499	34,864

CHICAGO, Aug. 21.—Business has been on an exceptionally active scale in rosin here. Orders have been placed by buyers in quantities that have been not entirely expected by selling houses, leading to the need for extra help in some cases, it is said. The tone of the rosin market is continuing strong, and actual prices are ruling strong to slightly higher in some cases, compared with a week ago. Feeling is bullish. Ruling prices at the close of business last night were: B grade, $8.10 per lot of 280 pounds; G grade, $8.55; M grade, $8.55; W.W. grade, $9.75.

LONDON, Aug. 21. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. Per cwt.		W.W. Per cwt.	
	s.	d.	s.	d.
Saturday	15	9	17	9
Monday	15	9	17	9
Tuesday	15	9	17	9
Wednesday	15	9	17	9
Thursday	15	9	17	9
Friday	15	9	17	9

Pine Oil.—A firm tone continued to prevail. Consumers were disinclined to anticipate to any material extent but there was a fairly active demand for moderate lots from local and other buyers.

Pitch.—The market retained a firm tone with quotations generally held at the levels prevailing in the previous week. There was a steady movement into local and outside consuming channels.

Rosin Oil.—With the primary position of basic material still generally firm, local quotations on rosin oil were well maintained. Business was fairly active.

Thus.—Supplies are small and the market retained a firm tone although few inquiries were reported.

Shellac

Business in the market for shellac was very quiet during the past week. Local dealers indicated a falling off in interest to an extent, however, not in excess of what might be expected reasonably late in August. Recovery of a more active market will probably come not earlier than shortly after Labor Day. In the meantime, competition was declared to be exceptionally keen. While all sellers were not openly meeting minimum quotations, it was clear that the competition was keen enough to keep values well in favor of buyers.

London, Aug. 21.—London quotations, basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	August 21— Shillings. Cwt.	Cents. lb.	August 14— Shillings. Cwt.	Cents. lb.
October	52½	11.4	54½	11.8
December	53½	11.6	55	11.9

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
August 14	54s 6d	55s ..
*August 15	... ..	... ..
August 17	54s 6d	55s ..
August 18	54s 6d	55s ..
August 19	53s 6d	54s ..
August 20	53s ..	53s 6d
August 21	52s 6d	53s 6d

* No cables received here.

Calcutta, Aug. 21.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— Aug. 21.	Aug. 14.
August	11⅜c	11⅝c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
August 14	11⅝c	Steady
*August 15	.....	.....
August 17	11⅜c	Steady
August 18	11⅜c	Steady
August 19	11⅜c	Steady
August 20	11⅜c	Steady
August 21	11⅜c	Steady

* No cables received here.

Shipments of shellac from Calcutta to the world during the month of July during the last four years were as follows:—

	Hundredweight— 1936.	1935.	1934.	1933.
United Kingdom	8,755	4,128	9,802	6,124
United States	13,194	5,521	3,381	8,864
Continent	7,350	5,276	3,463	3,724
Other ports	7,083	5,248	3,847	2,064
Totals	36,382	20,173	20,493	20,776

Total shipments from Calcutta to the world from November 1, 1935, to July 31, 1936, were as follows:—

	Hundredweight— 1935-6.	1934-5.	1933-4.	1932-3.
United Kingdom	63,457	78,245	371,264	67,462
United States	92,031	80,663	70,938	76,896
Continent	62,373	57,060	67,081	61,552
Other ports	66,104	59,468	43,157	37,563
Totals	283,964	275,436	552,440	243,473

Exports of seedlac and sticklac in July, this year, were as follows:—

	Hundredweight— 1936.	1935.	1934.	1933.
United Kingdom	442	1,444	418	630
United States	13,332	5,632	4,903	14,033
Continent	1,935	5,231	1,625	1,892
Other ports	Nil	6	Nil	Nil
Totals	15,709	12,313	6,946	16,555

The Indian Lac Cess Act of 1930 was amended on April 26, 1936, the principal affect of which was to increase the lac cess from 4 annas per maund to seven annas per maund on all Indian lac exported and from two annas per maund to five annas per maund in the case of refuse lac. In addition to these increases, the setup of the Lac Cess Committee was altered under the new Act to comprise a governing body and an advisory board, the chairman of each to be nominated by the Governor General in Council.

Lacquer Materials

The market for the paint materials noted an irregular demand during the week just closed, with the irregularity in the call resulting from the tapering off in production of certain consuming industries. The market was featured by a higher price for tricresyl phosphate, with the higher quotation resulting from the short supply in evidence for the basic material. Acetone was steady. Butyl alcohol was unchanged. The automobile industry noted a closing down of plants by many of the producers who were making preparations for the changing over to the 1937 models, but the closing down of plants for changing over purposes was expected to require a shorter time than usual, for the retail demand for automobiles has been holding up surprisingly well.

Acetone.—Demand here continued fair during the week, and prices were unchanged.

Butyl Acetate. — Although consumers continued to order out supplies for actual needs only, the price tone was steady.

Butyl Alcohol. — Shipments were fairly good during the week, with a steady tone in evidence.

Ethyl Acetate. — Important developments were lacking, with the dealings strictly routine, but the prices were

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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in line with the quotations in effect previously.

Nitrocellulose. — Demand continued fairly good, with prices unaltered. United States production of nitrocellulose plastic products in the first half of 1936 aggregated 7,662,085 pounds, compared with 7,915,786 pounds in the corresponding period, 1935. Cellulose acetate plastic products totaled 5,514,139 pounds, compared wth 5,029,180 pounds, according to data compiled by the Bureau of Census. The breakdown follows: Nitrocellulose sheets, 1935, 5,982,-142 pounds; rods, 1,429,226 pounds; 1936, sheets, 6,048,122 pounds; rods, 1,227,190 pounds. Cellulose acetate, tubes, 1935, 504,418 pounds; sheets, rods and tubes, 5,029,180 pounds; 1936 tubes, 386,773 pounds; sheets, rods and tubes, 5,514,139 pounds.

Tricresyl Phosphate.—An advance of 7s. per pound was noted here, due to the shortage in the basic product.

Driers

Grease compounders continue to buy stearates in heavy fashion and while sellers have expected a let-down from that line of consumption, the demands of the season have been holding up longer than usual. Doubtless there will be a lull in these purchases over the next few weeks with the probability of a revival in trade around October. The paint trade's purchases were mild. Prices continued unchanged. Cobalts hold a steady position.

Glues and Binders

Casein.—Domestic material moved up ¾c. per pound last week with 20-30 mesh firm at 17½c. per pound and unavailable below that figure. The price for 80-100 mesh was named at 18c. per pound. These quotations are for car lot amounts, basis delivered. Sellers were uniform at the 17½c. to 18c. figure and offerings were very light. The Argentine did not move last week but will likely follow domestic material upward. Argentine casein exports for the first half of this year increased over the corresponding 1935 period, one of the outstanding increases taking place in shipments to the United States. The following table, based on statistics compiled by the regulatory board of the Dairy Industry, Argentine Ministry of Agriculture, shows exports by countries during the first half of 1936, with comparative figures for the preceding year also:—

	(Metric Tons) Firt Six Months	
	1935	1936
Germany	4.870	5,913
United States	322	1,169
Spain	508	610
United Kingdom	1,333	1,148
Netherlands	209	430
Finland	929	248
Others	584	770
	8,755	10,288

Glues.—Although low grade bone glues hold unchanged, some producers of higher grades are advancing prices September 1 and there is a likelihood that the cheaper grades will follow in a short time. Medium and high-grade hide glues advanced an average of 1c. per pound. New quotations are as follows:—75 millipoise 222 jelly gram, 17c. per pound in carlots, 18c. for l.c.l.; 83/251, 18c. c.l. and 19c., l.c.l.; 92/283, 19c. c.l. and 20c. l.c.l.; 102/315, 19½c. c.l. 20½c. l.c.l.; 113/347, 20½c. c.l. and 21½c. l.c.l. and 125/379, 21½c. c.l. and 22½c. l.c.l. Consumption is improving substantially and the market is pointing in a very strong direction.

William H. Zinsser, president of William Zinsser & Co., shellac manufacturer, this city, returned August 20, on the steamship Washington, after an extended European trip. Mr. Zinsser sailed July 1, accompanied by his wife and daughters, and toured by automobile through Germany, France, England, and Scotland, with special visits to Paris and London.

Emerson Tells Paint-Light Value

R. W. Emerson, executive secretary of the National Clean Up and Paint Up Campaign Bureau, Washington, addressed the 1936 annual meeting of the National Better Light-Better Sight Campaign, at the Biltmore hotel, this city, as representative of the National Paint, Varnish and Lacquer Association, in its cooperation with the electrical and optical groups. Mr. Emerson strongly emphasized the growing vogue of painting brick, and pointed out how, in conjunction with lighting, alleys and courtyards could be made safe from accidents and crime. He also called attention to the efforts being made by the organized paint industry to develop new uses for paint in relation to the conservation of human eyesight.

Int'l Printing Ink Income Up

International Printing Ink Corporation and subsidiaries report for the first half of 1936 net profit of $585,711, after depreciation, federal income taxes and subsidiary preferred dividends, equivalent after dividend requirements on 6 percent preferred stock, to $1.41 a share on 281,183 no-par shares of common stock excluding 1,402 shares in the treasury. This compares with $489,606 or $1.23 a share on 271,543 common shares in the first half of 1935.

Montecatini to Make Resins

The Societa Generale per l'Industria Mineraria ed Agricola, a Montecatini unit, with headquarters in Milan, Italy, has received permission to install in its factory at Castellanza (Varese) a new plant for the production of glycerophthalic resins. This firm, according to information received by the Department of Commerce from the consul at Milan, is also authorized to enlarge its plant at Castellanza for the production of phenol-formaldehyde resins and of derivative plastic powders. The Societa Italiana Ebanite & Sostituti, with head offices in Milan, has received permission to install a plant for the production of phenolic resins at Brugherio, near Milan.

Mica Freight Rates Changed

The New York Public Service Commission has approved cancellation of commodity freight rates as follows:—

By the Delaware & Hudson railroad, of its commodity rate on mica, dry-ground or dry-pulverized, in carloads, from Glens Falls to various points on the Delaware, Lackawanna & Western or the Erie railroads. Class rates will apply. Effective September 7.

Belgium Makes Rabbitskin Glue

Production of glue from rabbitskins has been inaugurated in Belgium, according to information received by the Department of Commerce from the commercial attache at Brussels. The raw material is found in the skins accumulating in the extensive shearing of pelts to get hair for making felt. Rabbitskin glue has been made in France and Germany, and imports from those countries are said to have offered severe competition to the important Belgian glue industry, one of the world's largest in the field of bone and sinew adhesives.

Ground Mica Sales in 1935

Ground mica sales in the United States in 1935 totaled 18,323 short tons, valued at $542,973, compared with 9,547 short tons, valued at $403,330, in the previous year, according to a report of the United States Bureau of Mines. The 1935 figures include mica from schists and fine mica suitable for roofing purposes without grinding, which class of material accounted for 36 percent of the total classified as ground, the balance being obtained from grinding scrap.

Copper Oxide Paint Duty Set

Paint containing copper oxide has been held to be dutiable at 25 percent ad valorem under paragraph 66 of the tariff act of 1930, plus 3 percent under section 601 (c) (7) of the revenue act of 1932. This duty rate was set by the Second Division United States Customs Court in consideration of protests by Reidar Gjolme & Co., Portland, Ore., and others against a classification which made the additional assessment 3 cents per pound under the same paragraph of the revenue act, on the grounds that copper was the component of chief value. The customs court held that the paint was not in chief value of copper.

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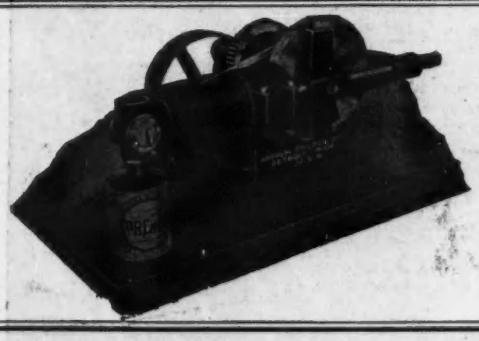
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Oils, Fats and Waxes

Sales of Tallow at a Further Advance — Cottonseed Oil Higher —Greases Also Up—Fish Products Firm—Animal Oils Rise —Chinawood and Oiticica Oil Again Weaken

The trend of quotations on miscellaneous oils, fats and greases continued upward last week. Chinawood and oiticica oils again displayed weakness but the tone of the general market was distinctly firm and late in the week supplies of not a few commodities appeared to be comparatively small. There was some expansion in trade though much of the buying was limited to moderate quantities. The transactions in chinawood oil, however, showed a considerable increase as compared with recent preceding weeks.

A development of more or less importance in the way of price changes was a further advance in tallow, sales being reported at higher prices. The trend of tallow futures was also upward. Grease and stearin were stronger and advances were recorded in live hogs and lard in Western markets where the course of grain was the dominating factor. Lard, neatsfoot, oleo and tallow oils were advanced by producers. Chinawood oil again declined but the trend of many other vegetable products continued upward.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ⅛c. per lb.
Candelilla wax, 2c. per lb.
Carnauba wax, No. 2 yellow, 1c. per lb.
refined, 1c. per lb.
Coconut oil, ⅛c. to ¼c. per lb.
Cod oil, Norwegian, 1c. per gal.
Copra, 1-10c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Cottonseed oil, edible, 10c. per 100 lbs.
Grease, ¼c. to ½c. per lb.
Lard, 25c. to 50c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Lard oil, 25c. per 100 lbs.
Linseed cake, $1 per ton.
Linseed meal, $1 per ton.
Mustard oil, 5c. per gal.
Neatsfoot oil, 25c. per 100 lbs.
Oleo oil, $1.25 per 100 lbs.
Olive oil, denatured, 10c. per gal.
Olive oil foots, ⅜c. per lb.
Palm oil, ⅛c. to ¾c. per lb.
Palm kernel oil, ⅜c. per lb.
Peanut oil, crude, ⅛c. per lb.
Rapeseed oil, blown, ¼c. per lb.
Sesame oil, 1c. per lb.
Sunflowerseed oil, ¼c. per lb.
Tallow oil, 25c. per 100 lbs.
Teaseed oil, ⅛c. to 1c. per lb.
Walnut oil, ⅜c. per lb.
Whale oil, 1-10c. per lb.

Reduced

Carnauba wax, No. 3 chalky, ¼c. per lb.
No. 3 North Country, ⅜c. per lb.
Chinawood oil, 1c. to 1¼c. per lb.
Oiticica oil, 1c. to 2c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
135.8	134.2	129.1	129.3

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market was firmer, influenced by an increasing inquiry and the strength of other oils. For oil in tank cars 7½c. per pound was quoted.

Chinawood.—A weak tone prevailed much of the time in domestic markets as the trend of Hankow continued downward, prices there declining rather sharply early in the week. Quotations here and on the Pacific Coast followed the course of the primary market, prices in domestic centers at one time showing a loss of about 1¼c. per pound. The decline had the effect of stimulating buying interest and the volume of business closed for the week showed a considerable increase over recent preceding weeks. Late in the period the market abroad recovered about 1c. of the loss and domestic prices followed.

Coconut.—The markets here and on the Coast were influenced by strengthening developments abroad where both copra and oil were firmer with offerings light. It was stated in some quarters that copra was difficult to obtain for early delivery. Also buying interest in oil was stimulated to some extent by the course of competing product. Quotations on crude oil were advanced ⅛c. per pound and sellers were apparently not inclined to offer very freely at the advanced level. Edible oil was also firmer, prices being advanced ¼c. per pound by refiners with reports of some improvement in demand.

Corn.—The market for crude continued to display firmness in company with competing product, quotations being ¼c. per pound higher with the figures apparently nominal. The trend of grain was upward at times owing to bad weather and crop accounts.

Cottonseed.—Edible oil was advanced 10c. per 100 pounds by refiners owing to increased cost of basic material. There was a fairly active demand.

Olive.—There was a good inquiry for denatured olive oil on spot but few transactions were reported owing to the smallness of supplies, some sellers not being in a position to offer either on spot or for nearby delivery. Quotations were nominal at $1.35 and upward per gallon. Foots met with an increased demand and the market was firmer at 9⅛c. to 9¼c. per pound.

Mustard.—The market was firmer at an advance of 5c. per gallon. Demand continued good and the output was moving steadily into consuming channels.

Palm.—The strength of competing product was reflected in a firmer market for all varieties of palm oil, quotations on spot being ¼c. or more per pound higher than in the previous week. Niger seemed to be rather scarce and some sellers refused to accept less than 5c. per pound in casks.

Perilla.—A firm tone prevailed. The inquiry was more active and sales were reported at 9⅜c. per pound in casks and 10c. per pound in drums on spot. The volume of business closed for the week was apparently considerably larger than in the previous period.

Rapeseed.—Denatured oil met with a fairly active demand and the market was firm with sales reported at 65c. per gallon on spot, this apparently being an inside figure. Supplies in some quarters were said to be small.

Sesame.—With stocks small and diminishing the market was firmer, there apparently being little if any available at less than 15c. per pound on spot.

Sunflowerseed.—The inquiry was somewhat more active and the market was firmer with sales noted at 10¾c. per pound on spot. Supplies appeared to be small.

Teaseed.—A further advance occurred. Supplies on spot are light and diminishing and there appeared to be little obtainable at less than 13c. per pound. A further rise was noted in shipment prices.

Markets at Other Centers

San Francisco, Aug. 17.—Excepting for chinawood oil, the market here last week passed through a period of marked firmness, wherein sellers as a rule had the situation in hand and were holding prices either to the same point or slightly above the quotations of a week ago. Trading was fairly active and was well spread out so as to include practically the entire list of commodities.

Ruling prices are:—

BABASSU.—Quoted at 7⅜c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is quoted at 4⅛c. per pound in tankcars, f.o.b. Pacific Coast mills or dock, August-October shipment. Futures nominal.

COPRA.—The copra market is firm. Primary sellers boosted the quotation levels up slightly last week, but the trade here was slow in coming in for requirements and as a rule trading was on the light side, being influenced by a rather spotty demand for coconut oil. Arrivals on the Coast were fair. Europe is said to be actively in the market at various sources of supply. Quoted at 2.75c. to 2.80c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $33 per ton for domestic, ex-mill. Philippine meal quoted at $31.25 ex-dock, San Francisco.

CHINAWOOD.—Easier. Quoted today at from 13⅝c. to 13¾c. per pound in tankcars, f.o.b. Pacific Coast ports, August-November shipment from Pacific Coast.

KAPOKSEED. — Foreign crude oil is quoted at 8¼c. per pound in tankcars, f.o.b. Pacific Coast ports. Bleachable grade, 9c.

COTTONSEED.—Semi-refined foreign oil is quoted at 10c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, August-October shipment.

PERILLA.—Japanese oil is quoted at 9¼c. per pound in tankcars, prompt to October-November shipment from the Pacific Coast out of storage.

HEMPSEED.—Crude oil is quoted at 8c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8¾c., prompt shipment. Refined oil quoted at 9c. per pound in tankcars, with drum lots at 9¾c., ex-warehouse.

TEASEED.—Nominally quoted at 9½c. per pound in drums, c.i.f. Pacific Coast ports for shipment from the Orient.

SESAME.—Crude oil is quoted at 9½c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast

Chicago, Aug. 21.—With the exception of the major weakness in Chinawood oil, most grades of vegetable oils are holding their own or increasing here. Buying has been moderately good on most of them.

COCONUT.—Crude oil, 4⅜c. to 4½c. per pound, tankcar, Pacific Coast. Refined, edible oil, 9¾c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9⅜c. to 9½c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11½c. to 12c., barrels, less than car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD. — Ruling spot, drums, 16¾c. to 17c. per pound; futures shipments, 14¾c. to 15c.

SOYBEAN.—Crude, prompt shipment, 8c. to 8¼c. per pound, mills; and 9¾c. to 10c., Chicago.

PEANUT.—Crude, 9c. to 9⅛c. per pound.

Chicago, Aug. 21.—Price range on soybeans for the week ended Aug. 19:—No. 2, yellow, high, $1.42; low, $1.41.

Linseed Oil

Flaxseed prices were irregular in domestic and foreign markets last week, firmness early in the period being followed by a downward trend. Cake and meal were higher. Linseed oil quiet and steady.

Flaxseed—DULUTH, Aug. 21.—Quietness and an inclination to hold off marks the flax market still, due to the difference of opinion as to the accuracy of the recent

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

report on the domestic yield. The government's figures caused no furore and even those who differ from them are not concerned one way or the other. The market fluctuates in a narrow range.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.10	$2.10	$2.07
Monday	2.10	2.10	2.08½
Tuesday	2.11	2.11	2.10
Wednesday	2.14	2.14	2.12½
Thursday	2.08	2.08	2.07½
Friday	2.06½	2.06½	2.05

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week	69,031	158	87,356	692
Since Aug. 1	185,543	2,756	87,905	4,963

MINNEAPOLIS, Aug. 21.—Cash flax is in very strong demand and prices are gaining on futures because of the keen competition for daily offers. There is a particularly avid demand for old crop seed and offers of same are very light. All of the crushers are in the market and most any sort of flax moves very readily. Duluth houses are taking diversion point offers to clean. Local elevator operators tried cleaning some of this light weight seed because of the very sharp advance in the price of screenings but found that they lost so much of the flax that the finally gave up the job.

There is keen crusher interest displayed in a few small lots of old seed held in local elevators and today a bid of 12c. over December was offered for one lot, f.o.b. elevator. A car of choice heavy old crop seed was offered here today and the receiver almost had to auction the car off. The buyer had to take a very poor car with it.

Crushers are grabbing the flax as it comes in. The present run probably will be the crest of the wave and in the offing there is the possibility of the government stepping in to pick up seed supplies for sowing next spring. This is another reason why the current demand from crushers is so snappy.

Farm selling already is on the wane. Interior elevator receipts are losing volume and shipping advices from the country are much smaller than they have been.

Crushers are using up the new seed about as fast as it arrives. Operations are heavier because of the need of meal to fill old contracts. Oil trade is quiet at the moment so there is no need to make that commodity.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.15½	$2.08½	$2.07½
Monday	2.16½	2.09½	2.08½
Tuesday	2.18¾	2.11¾	2.10¾
Wednesday	2.20¼	2.14	2.12½
Thursday	2.14½	2.09½	2.07½
Friday	2.10½	2.07	2.06½

Crop movement in bushels as follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week	207,890	258,291	108,060	7,000
Since Sept. 1	9,361,940	5,402,127	1,993,190	1,115,180

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

WINNIPEG, Aug. 21.—The flaxseed market had a firm undertone in company with grain although prices showed irregularity at times. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.79¾	$1.79¾	$1.76⅝
Monday	1.81½	1.81½	1.78
Tuesday	1.82½	1.82½	1.80
Wednesday	1.83	1.83	1.80⅝
Thursday	1.77½	1.78	1.75½
Friday	1.75½	1.76½	1.74

BUENOS AIRES, Aug. 21.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.35¼	$1.01⅝
Monday	1.35⅝	1.01⅝
Tuesday	1.34⅝	1.02
Wednesday	1.33¼	1.03⅜
Thursday	*1.29¼	1.03⅜
Friday	*1.28⅜	1.03⅜

* September.

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	51,000	382,000	260,000
United Kingdom	.....	.....	16,000
Continent	236,000	386,000	563,000
Orders	201,000	339,000	173,000
Others	16,000	350,000	.....
Totals	504,000	1,457,000	1,012,000

Since January 1

To—	Bushels This year.	Last year.
United States	7,582,000	10,618,000
United Kingdom	307,000	838,000
Continent	19,424,000	22,235,000
Orders	9,128,000	14,320,000
Others	2,077,000	2,058,000
Totals	38,518,000	50,069,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,299,000
Last year	7,424,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	248,000	140,000	.....
Continent	.....	.....	.....
Others	.....	.....	.....
Totals	248,000	140,000	.....

Since April 1—	Bushels This year.	Last year.
United Kingdom	4,624,000	1,464,000
Continent	724,000	284,000
Others	60,000	76,000
Totals	5,408,000	1,824,000

HULL, Aug. 21.—Quotations on flaxseed were:—

	Per ton La Plata.	Calcutta.
Saturday	£12½	£16
Monday	12½	16
Tuesday	12⅝	16
Wednesday	12⅝	14½
Thursday	12¼	14½
Friday	12¼	14½

Linseed Oil.—Irregularity developed in domestic and foreign flaxseed markets last week but the linseed oil situation underwent little change, previous selling schedules being adhered to by crushers being adhered to by crushers with the tone of the market apparently steady or firm despite the absence of any improvement in demand, the attitude of consumers still being a waiting one so far as the placing of new business was concerned.

Crop accounts from the domestic flaxseed states were generally of the same bullish character noted in recent preceding weeks but consumers of oil were disposed to await further developments especially with respect to the acreage in Argentina and the course of various other commodities here. Many oils and fats were firm and in upward trend but the grain markets displayed a reactionary drift at times with reports current of beneficial rains at some points. As to the flaxseed crop in this country it is stated that rains now cannot affect results. There was some decrease in country marketing last week and the indications were said to point to a further shrinkage in the movement in the near future as farmers in many cases have disposed of considerable of their production.

Demand for cash seed in domestic centers was good and the arrivals were well absorbed by crushers. Trading in futures was more active, with country interests selling on hedges and crushers and cash houses buying on weak spots. Hedging operations thus far this season are said to have been exceptionally small as compared with marketing.

According to data compiled by the Flax Institute of the United States production of linseed oil during the quarter ended with June was 13,349,136 gallons; imports 61,576 gallons, stocks, March 31, 24,995,426 gallons; total 38,406,138 gallons. Stocks June 30, 18,755,416 gallons, indicating a consumption during the June quarter of 19,650,722 gallons, an increase of 6.44 percent over the same quarter in 1935.

Receipts of flaxseed at New York last week were 384,522 bushels.

MINNEAPOLIS, Aug. 21.—Demand for linseed oil is quiet and only small lots are moving to the trade. Just a few cooperage car lots are being sold. No interest is being displayed in tankcar or round lots for either near or far shipment. Now and then a buyer makes a casual inquiry but shows no real interest if crushers quote him.

Shipping instructions are inclined to be erratic in volume and somewhat slow on the average. Apparently most of the consumers have enough oil on hand to care for current requirements and are not anxious to pile up excess stocks right now.

Crushing operations are gaining slowly, as fast as the in movement of seed will permit of. Most of the crushers have to make meal and are operating as freely as they can to catch up with old business.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 10.5c. per pound, tankcar lots 10.1c. per pound and warehouse lots 11.1c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,295,386	1,347,857
Since Sept. 1	109,041,564	57,019,494

CHICAGO, Aug. 21.—Offerings of linseed oil have been insufficient to disturb the price structure, so that a firm tone rules. The movement of material out on orders is represented as being fairly extensive at this time. Leading crushers appear to have little to offer, and such business as is coming in is sufficient to keep the general market in a healthy position. Ruling prices of representative sellers are:—Tankcar, 10.1c. per pound; drums, car lots, 10.8c.; warehouse deliveries, 11.1c.

SAN FRANCISCO, Aug. 17.—The linseed oil trade is quiet. With the important users having only lately bought up what is thought to be the major portion of their requirements for the balance of the year, sellers' offerings last week went unheeded. Contract deliveries are good. Quoted:—Tankcars, 10.7c. per pound; drum car lots ex mill, 11.3c.; drum lots ex warehouse, 11.7c. Meal is quoted at $35 per ton.

LONDON, Aug. 21.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	3
Monday	26	4½
Tuesday	26	3
Wednesday	26	3
Thursday	26	0
Friday	26	0

Cake and Meal.—The market had a firmer tone despite a reactionary trend in flaxseed quotations. The inquiry was more active and prices were advanced $1 per ton on spot. Production is moving out steadily and supplies among first hands are reported as very small.

MINNEAPOLIS, Aug. 21.—Meal market is strong and higher with trade limited by the ability of the buyers to secure stocks they need for immediate use. None

Cottonseed Statistics: August-July

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out and held, August 1 to July 31, 1936, and 1935, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed and Held

	Tons Received at mills* Aug. 1 to July 31. 1936.	1935.	Crushed Aug. 1 to July 31. 1936.	1935.	On hand at mills July 31. 1936.	1935.
United States	3,742,122	3,418,135	3,813,935	3,549,891	17,762	89,575
Alabama	291,185	270,563	299,484	280,660	691	8,990
Arkansas	293,811	287,027	295,608	289,699	612	2,409
California	93,332	103,245	92,689	103,076	992	349
Georgia	427,190	424,084	447,503	427,926	1,855	22,168
Louisiana	176,606	159,082	177,397	161,259	572	1,363
Mississippi	528,073	481,844	538,981	488,127	2,104	13,012
North Carolina	223,737	247,967	233,127	239,831	687	10,077
Oklahoma	191,916	98,101	193,481	113,863	678	2,243
South Carolina	208,685	196,360	209,333	195,670	1,113	1,761
Tennessee	231,599	282,211	235,197	303,019	808	4,406
Texas	971,778	744,460	986,809	823,379	7,381	22,412
All other states	104,210	123,191	104,326	123,382	269	385

* Includes seed destroyed at mills but not 89,575 tons and 222,761 tons on hand August 1, nor 60,627 tons and 128,789 tons reshipped for 1936 and 1935, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to July 31.	Shipped out Aug. 1 to July 31.	On hand July 31.
Crude oil, pounds—				
1935-1936	*28,262,543	1,163,055,575	1,165,355,438	*18,707,199
1934-1935	34,400,287	1,108,582,294	1,117,848,586	28,262,543
Refined oil, pounds—				
1935-1936	†444,833,215	‡1,091,995,785	.....	†319,014,573
1934-1935	656,804,830	1,067,245,843	.....	444,833,215
Cake and meal, tons—				
1935-1936	198,367	1,737,950	1,867,412	68,905
1934-1935	124,572	1,614,345	1,540,550	198,367
Hulls, tons—				
1935-1936	76,604	987,416	1,037,742	26,278
1934-1935	30,958	913,039	867,393	76,604
Linters, running bales—				
1935-1936	71,292	873,907	900,413	44,786
1934-1935	75,958	805,083	809,749	71,292
Hull fiber, 500-lb. bales—				
1935-1936	1,332	37,252	38,514	70
1934-1935	646	68,428	67,742	1,332
Grabbots, motes, etc., 500-lb. bales—				
1935-1936	5,966	45,179	48,243	2,902
1934-1935	3,970	41,772	39,776	5,966

* Includes 8,916,786 and 6,139,285 pounds held by refining and manufacturing establishments and 8,589,280 and 4,111,300 pounds in transit to refiners and consumers August 1, 1935, and July 31, 1936, respectively.

† Includes 5,175,698 and 15,147,906 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments and 7,214,525 and 9,060,418 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1935, and July 31, 1936, respectively.

‡ Produced from 1,186,231,681 pounds of crude oil.

Exports and Imports for Eleven Months Ended June 30

	1936.	1935.
Exports—		
Oil, crude, pounds	394,510	1,225,520
Oil, refined, pounds	2,791,632	3,316,203
Cake and meal, tons of 2,000 pounds	10,390	2,753
Linters, running bales	221,218	186,948
Imports—		
Oil, crude and refined, pounds	*127,943,525	113,354,016
Cake and meal, tons of 2,000 pounds	2,844	50,441

* Amounts for July not included above are 5,968,554 pounds refined, "entered directly for consumption," 1,492,789 refined "withdrawn from warehouse for consumption," and 3,646,106 refined "entered directly into warehouse."

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of the crushers are offering fresh supplies for shipment later than August and only one seems to have anything to sell for August shipment. Re-sellers are seldom heard from currently as they are having trouble getting stuff delivered on contracts. Unless flax receipts continue at a fair volume it is not expected that present contracts will be completed before the fall demand begins to show force. The undertone of the market is very strong and it is impossible to buy other than small lots.

Quotations on car load lots, f.o.b. Minneapolis, 30 percent protein, $43 to $43.50 per ton, 47 percent protein $47 to $47.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,365,800	2,673,346
Since Sept. 1	223,116,745	87,058,674

CHICAGO, Aug. 21.—Nervousness on the part of feeders over the pasturage situation and the general crop outlook seems to have been increasing, so that they have shown a more and more sympathetic attitude toward the buying side of the linseed meal market. Prices have stiffened and tended to advance additionally. There are few offerings. Resellers appar to have some little material. Round lot business is still limited. Ruling prices are:—Round lots, $43.50 per ton, partly nominal; car lots $43.50 to $44; less than car lots, $45.50 to $46.

Cottonseed Oil

A generally firm tone prevailed in Southern and local markets for cottonseed products. A further advance occurred in refined oil futures here. Southern offerings continued light.

Cottonseed Oil.—Trading in refined cottonseed oil futures was fairly active last week though there was less snap to the dealings than in the previous period, local and other interests being disposed to curtail operations for a time and await further developments in the markets for other commodities as well as in the cotton crop and the general business, financial and political situation. Underlying conditions appeared to have undergone little change, however, and the undertone seemed to be firm.

The trend of hogs, lard and grain was strongly upward early in the week though there was more or less irregularity later on, the setbacks in prices, however, being regarded by some as due mainly to technical speculative conditions rather than to any material change in the supply situation, present or prospective. Weather and crop reports from many parts of the West continued bad.

A bullish development was a further advance in tallow, sales being noted at 6⅜c. per lb. for extra with reports current later of transactions at a further advance in prices. Live hog quotations touched the highest point recorded for some time past, the rise being attributed to the developments in the grain markets and some decrease in marketing of hogs. Arrivals of hogs in the principal Western markets for four days of the week aggregated 164,800 head. The average weight of the hogs received in Chicago during the week ended August 15 was 274 pounds.

Lard compound was stronger, prices in some quarters being ¼c. per lb. higher with an increased inquiry noted. With butter in upward trend, the outlook for business in substitutes was regarded as bullish and as likely to find reflection in an increased consumption of cottonseed oil. Stocks of the three principal cooking fats, cottonseed oil, lard and creamery butter, on August 1 were put at 561,257,000 pounds or 152,000,000 pounds less than on the same date last year and 357,000,000 pounds less than the five-year average for that date. Southern markets for crude oil were firm and about ¼c. per lb. higher with offerings light.

The weekly government weather and crop report stated that cotton made favorable progress in the eastern belt but unfavorable quite generally from the Mississippi Valley westward. In Texas abnormally high temperatures and the prolonged absence of rain have produced unfavorable conditions and cotton is now deteriorating rather rapidly over most of the State. In Oklahoma the drought has become extremely severe.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 15 to August 21, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
August	...	...	10.40 nom.	...
September	10.55	10.25	10.38 sale	103
October	10.48	10.14	10.32 sale	125
November	...	...	10.25 nom.	...
December	10.41	10.09	10.25 sale	210
January	10.42	10.15	10.24@10.27	68
February	...	...	10.25 nom.	...
March	10.44	10.15	10.26@10.27	151
Total sales (8 switches)				665

Crude, Southeast, 9.00c. to 9.12½c. nom.
Valley, 9.12½c. to 9.25c. nom.
Texas, 9.12½c. to 9.25c. nom.

Chicago, Aug. 21.—Improvement in the price structure has developed in the cottonseed oil market here lately. There is rather active market interest at this time. Sellers are able to make sales more readily. Prime crude oil in the Valley and Southeast is 9c. per pound; and in Texas and Oklahoma, 8⅞c. Good, off-Summer, yellow fig oil is 10⅝c. Refined, edible oil is quoted at 11c. to 11¼c. per pound, barrels, car lots; and 11¼c. to 11¾c., barrels, less than car lots.

Hull, Aug. 21.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	32	6	30	0
Monday	32	6	30	0
Tuesday	32	6	30	0
Wednesday	32	6	30	0
Thursday	32	6	30	0
Friday	32	6	30	0

Cake and Meal.—A generally firm tone prevailed in Southern markets, where offerings continued to be reported as light. Unsold supplies of old crop meal are small in comparison with the previous season and offerings of new crop continued to be reported as light. There was a steady movement reported to buyers in various sections of the country.

Markets at Other Centers

Atlanta, Aug. 19.—Among cottonseed products, hulls and oil have made new advances with meal down 50c. per ton.

Weather conditions continue favorable for the development of the crop with a poor stand in the Southeast. Boll weevils are reported quite active in scattered spots, and under warm and moist weather are likely to prove of considerable importance before harvest time.

Quotations of this crop are as follows:

OIL.—Prime crude, 9¼c. per pound.

MEAL.—Seven percent grade, $31 per ton, interior mill points.

HULLS.—Loose, $18 per ton.

Memphis, Aug. 21.—Crude cottonseed oil continues firm. The movement of new crop seed is not yet fully under way and many mills are indifferent sellers of oil. The last business reported was at 9⅛c., August-September shipment, Valley basis. The highest price quoted this week was 9¼c. Meal firm at $34 per ton for 41 percent, spot, Memphis basis, and $33 for September-October shipment. Demand has fallen off as a result of the recent advance and some are looking for a setback in prices. Many mills in this section will be crushing by September 1. Some are starting next week. Cotton crop is deteriorating as a result of excessive heat which is causing the plant to shed. The crop is maturing rapidly and picking is now getting under way.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 13.	August 21.
September	$32.10@32.25	$32.25@32.60
October	31.85@32.10	32.25@32.50
December	32.00@——	32.50@——
January	31.85@32.15	32.10@32.50
March	32.00@32.50	32.50@——

Animal Oils

Degras.—A firm tone prevailed as competing product was in a stronger position. Supplies appeared to be light or moderate in all cases and there was apparently no increase in offerings of imported product for shipment. Demand here was fairly active.

Lard.—Quotations were advanced 25c. per 100 pounds, owing to the stronger position of basic material. Business lacked snap, consumers being disinclined to anticipate, but demand for moderate quantities was fair.

Neatsfoot.—The market was firmer, with some grades 25c. per 100 pounds higher. There was a fair demand, though consumers did not show much disposition to purchase ahead.

Oleo.—A much stronger tone developed as a result of a shrinkage in supplies and an increase in demand. Prices were advanced $1.25 per 100 pounds.

Tallow.—Quotations were advanced 25c. per 100 pounds. Business was fair.

Markets at Other Centers

Chicago, Aug. 21.—Diverse market movements have been reported in the animal oils here recently. Trade has been rather moderate in volume, and the general market trend is difficult to determine. As a whole the market interest is not especially active. Orders are somewhat routine, and generally the market is rather devoid of interest. Offerings are not especially heavy, however.

LARD.—No. 1, 9¾c. per pound; No. 2, 9½c.

OLEO.—No. 2, 9¼c. to 9½c. per pound.

TALLOW.—Acidless, 8¼c. per pound, tanks; 9½c. to 9¾c., drums, less than car lots.

Fish Oils

Cod.—Norwegian oil was firmer. Supplies abroad were reported as light and likely to remain so during the remainder of the year. Quotations were 1c. to 2c. higher for shipment with the figures more or less nominal. Newfoundland oil remained nominal in the absence of supplies.

Menhaden.—The refined situation lacked new features, the market being firm at the advance previously noted. Consumers showed little disposition to purchase in advance of needs but there were reports of a somewhat better inquiry for small or moderate quantities for prompt shipment. Crude was reported to have sold at 26c. per gallon, Baltimore basis, but confirmation was lacking, and late in the week nominal quotations ranged from 27c. to 30c. Reports in regard to fishing operations were unfavorable as to the catch though the oil content of the fish was said to be rather high.

Sardine.—Refined oil was firm at the advance noted in the previous week with demand fair in a jobbing way. Crude oil was reported as firm on the Coast.

Whale.—Quotations were advanced 1-10c. per pound by refiners. There was a fair demand for small or moderate quantities to fill current needs.

Markets at Other Centers

San Francisco, Aug. 17.—Buyers were the first to break the ice of the temporarily deadlocked fish oil market here last week when, with sellers holding firm at a 32-cent per gallon price for California sardine oil, sales of a handful of tankcars were booked at that figure a few days ago. Offerings on that basis are fairly plentiful at the moment, a check of the trade reveals, but meantime the larger soapers and consumers are not availing themselves of what the market offers.

While Oregon fishing plants, and Washington as well, were struggling with an on-again-off-again supply of fish, which last week aggregated disappointing tonnages, two large floating reduction plants ventured out of San Francisco Bay yesterday and spotted themselves on the fishing grounds. Reports reaching here this afternoon revealed that catches were running good and that the present expectations were very fair. This marked the start of the season's reduction of sardines of the present California season. Tonnage prices were said to have been settled with the fishermen at $10 per ton for raw fish, but on the other hand another report said the fishermen were working subject to the price set by the general industry in California this season. This latter official price has not as yet been announced. Last year California sardine fishermen received $8 per ton.

Announcement of tonnage permits for shore factories for the current season will probably be made this coming Friday, August 21, after a meeting of the California Fish and Game Commission on the previous day. Shore plants are obliged to answer to State regulations on the tonnage of fish used, while floating reduction plants, operating outside the three-mile limit, take and process as much as they desire. No intimation as to the probable tonnages to be alloted the shore plants was given out today by either the Fish and Game Commission or the California Sardine Products Institute.

Reports from the Northwest say that herring and pilchard oil production is running slowly and that the gallonages totaled last year will not be reached this season.

Ruling prices are:—

SARDINE.—New season California and Oregon oil quoted at 32c. per gallon in tankcars, f.o.b. production point, Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

HERRING.—Alaska herring oil quoted nominally at 31c. per gallon, f.o.b. Seattle.

Baltimore, Aug. 19.—Some further sales of menhaden fish scrap are said to have been made during the past week at 26c. per gallon, but it has not been possible to secure confirmation of the reports, with potential buyers evidently disposed to go slow and with sellers inclined to hold out for higher figures. Prices ranging from 27c. to 30c. per gallon are being mentioned, and the producers seem to feel confident that they will obtain these figures because of the limited output, which so far has not attained proportions that would make it certain whether or not the business booked on a when-and-if-made basis can be filled. The fishing continues fair only, thougth the fish are yielding a good proportion of oil.

Chicago, Aug. 21.—A little more interest is being displayed in the fish oil market, especially in the West Coast products, with the new seasonal developments reported. Prices if anything are a little stronger or, at any rate, slightly steadier than they were some little time ago. Other fish oils have been mostly marking time, buying slow.

MENHADEN.—East Coast, 26c. to 27c. per gallon.

SARDINE.—Pacific Coast, 31c. to 32c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—The market was stronger in company with other commodities. Quotations were advanced about ¼c. per lb. on the various grades. Business was fairly active.

Lard.—Quotations on cash product were strengthened by developments in the market for futures in the West where speculative sentiment was influenced by the course of hogs and grain prices. There was a fair demand. Compound was advanced 25c. per 100 lbs. by producers.

Stearin.—The market was firmer, with demand somewhat more active and offerings light. Prices were advanced ¼c. by some sellers.

Tallow.—A firm tone prevailed throughout the week. Although transactions were not on a very important scale, buying interest was stimulated to some extent by strengthening developments in other fats and greases and by an upward course in the market for tallow futures. Sales of extra were reported on spot at 6⅜c. per lb., f. o. b., showing an advance of ¼c. per lb. Later on there were reports current of transactions at a further rise to 6⅝c.

Following is a record of the market for tallow futures on the New York Produce Exchange from August 15 to August 21, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
August	...	...	6.75 nom.	...
September	6.80	6.50	6.68@ 6.85	8
October	6.95	6.60	6.75@ 7.00	4
November	...	...	6.90 nom.	...
December	7.10	6.90	6.95@ 7.09	6
January	...	...	7.10 nom.	...
Total sales				18

Markets at Other Centers

Chicago, Aug. 21.—Sweeping upward with a few slight variations, the cash lard market seems to be in sympathy with the futures market and to be reflecting the outlook for the coming months rather than the immediate situation. Stocks of lard have been increasing and many authorities expect them to continue to increase for some little time.

The range of lard quotations from the opening Saturday, August 15, to the close Friday, August 21, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.20	$12.45	$12.17	$12.17	$12.25
Sept.	12.15	12.65	12.02	12.17	12.25
Dec.	12.37	12.77	12.25	12.35	12.45

TALLOWS (tierces).—Edible, 8¾c. to 8⅞c. per pound; prime, 6⅝c. to 6¾c.; fancy, 6¾c. to 7c.; prime renderers', 6¼c. to 6⅜c.; B country, 4¾c. to 5c.

GREASES (tierces).—Choice white, 6⅞c. to 7c. per pound; A white, 6⅜c. to 6½c.; B white, 6½c. to 6¼c.; yellow, 10-15, 5½c. to 5⅝c.; yellow, 16-20, 5¼c. to 5½c.; brown, 5⅛c. to 5⅜c.

STEARINS (barrels).—Prime oleo, 9¾c. to 10c. per pound; lard, packages, 12¼c. to 12½c.; A white grease, 6⅜c. to 6½c.; yellow grease, 5⅞c. to 6c.; extra oleo stocks, 10c. to 10¼c.; No. 2 stocks, 9c. to 9½c. (Oleo stocks in car lots.)

Liverpool, Aug. 21.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Sept. s.	d.	Oct. s.	d.	Jan. s.	d.
Saturday	59	9	56	0	56	6	57	0
Monday	60	6	56	6	57	3	57	3
Tuesday	61	6	57	9	58	6	58	9
Wednesday	62	0	58	0	59	0	59	3
Thursday	62	0	58	3	59	0	59	0
Friday	62	0	57	6	58	3	58	0

Liverpool, Aug. 21.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed s.	d.
Saturday	23	0	23	0
Monday	25	0	23	0
Tuesday	25	6	23	3
Wednesday	25	6	23	3
Thursday	25	6	23	3
Friday	24	6	23	3

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Fatty Acids

Red Oil.—A firm tone prevailed but no changes were made in selling schedules by producers. There was a fair demand though consumers did not show much disposition to purchase in advance of actual needs.

Stearic Acid.—Quotations were maintained at previous levels with the tone of the market firm owing to the strength of basic material in which there was a further advance last week. Business continued along conservative lines, the demand for moderate quantities being fair.

Markets at Other Centers

Chicago, Aug. 21.—Business in fatty acids has been somewhat slow, but the price structure has shown little or no inclination toward yielding, supported as it has been by mostly firm trends in the markets for the basic products.

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c. per pound, tankcar, mostly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6½c. per pound, tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1⅝c. to 1⅞c.

STEARIC ACID.—Single press, 9c. to 10c. per pound; double press, 9½c. to 10½c.; triple press, 12¼c. to 13¼c.

RED OILS. — Distilled or saponified, drums, 9c. to 10c. per pound; barrels, 9⅛c. to 10⅛c.

Waxes

Bees.—New developments were lacking. The market continued to be very firm in price and subject to an excellent consuming demand. Replacement costs were well maintained and offerings of shipment goods were moderate in volume. Demand for bleached and refined wax on the spot was well up to normal.

Candelilla.—Replacement costs changed and spot quotations were advanced to the basis of 16c. to 17c. per pound in ton lots, and 16½c. to 17½c. per pound in jobbing quantities. One prominent quarter intimated that he had information that suggested a possible breaking down of the cartel that exists between shippers in the primary market.

Carnauba.—The basic market in Brazil was declared by all dealers to be holding firm to strong. Offerings were moderate and shippers for the most part refused to accept bids. Stocks were believed to be very small at the source and whatever wax may exist is owned by factors able to hold for their full views as to values. Locally, the market seemed to have turned somewhat unsettled again. Although buying has taken up a considerable part of what has seemed to be a surplus supply, competition returned to the market last week and developed prices that were entirely out of line with prompt shipment and new crop prices reported in the primary market. Items changed in price locally were as follows:—No. 3 chalky, ton lots, 35¼c. to 35¾c. per pound; 5 bag lots, 35¾c. to 36¼c.; 1 bag lots, 36¼c. to 36¾c.; No. 3 North Country, same as No. 3 chalky; No. 2 North Country, 39c. to 40c.; No. 2 yellow, 45c. to 45½c.; refined, 40c. to 41c.

Japan.—The market was firm to firmer in Japan, but competition prevented improvement in spot quotations and values remained on the basis of 8¼c. to 8¾c. per pound.

Linseed Oil Statistics

MINNEAPOLIS, Aug. 20, 1936.

Data compiled by the Flax Institute of the United States show the following production, consumption, stocks, imports and exports of linseed oil for the second quarter of 1936:—

	Gallons.
Stocks March 31, 1936	24,995,426
Production April, May, June	13,349,136
Imports April, May, June	61,576
Total	38,406,138
Less stocks June 30	18,755,416
Consumption April, May, June	19,650,722
Increase, 6.44% over 1935.	
Exports	20,722

Mergraf Oil Products Corporation has filed a registration statement with the Securities and Exchange Commission covering 1,000,000 shares of $1 par value class A common stock and 375,000 shares of $1 par value class B common stock. Only 500,000 shares of class A stock are to be offered at present.

Works Progress to Aid Tung Oil Industry

(Continued from page 3)

vated heavily. The experiment has met with only mediocre success.

As a result of the aid of the WPA in financing the labor and part of the material bill for construction of the experimental laboratory, it is hoped that any uncertainty as to these many problems will be dissipated.

Heretofore it has been the belief that the tung trees cannot thrive north of the heavy frost lines, and cultivation of this important American crop has been devoted to the low latitude regions. Trees have thrived for several years as far north as Washington, D. C., but have been barren in every instance, late frost having nipped the buds annually. It is the purpose of the experimental station to secure small acreages north of the heavy frost lines and experiment in growing the trees as far north in Mississippi as possible.

The tung oil industry in the United States is comparatively young, the first trees having been imported in 1905. The early experimenters planted scattered trees in Florida, the first being set out in a graveyard in Tallahassee, which caused it to be said that the industry in the United States got its start in a cemetery. Experiments were slow in starting, but increased importation of plants and seeds after a few years, coupled with success in experiments, has caused the industry to grow until at the present time domestic tung oil is being produced in commercial quantities. At the present time, however, only approximately 5 percent of the tung oil used by American manufacturers is produced domestically.

Tree Is Hardy

Basically the tung tree is a hardy growth and seems to be affected only by cold. It has been known to grow under almost any condition, and the nuts may be permitted to fall to the ground when ripe and lie uncared for until the trees are entirely denuded, and then harvested by the simple method of raking them together and shoveling them into containers. The fruit ripens in October.

Mississippi trees have been known to thrive side by side, one fruiting prolifically and the second barren of all nuts. This is one of the mysteries that will be delved into by experimenters in the WPA-built laboratory at McNeil.

The yield from tung trees averages between 800 and 1,000 pounds of oil per acre annually.

Trees begin bearing when three years old, but are not considered of commercial value until the seventh productive year.

The growth of tung trees has ceased to be an experiment in the Coast counties of Mississippi, Georgia, Alabama, Louisiana, and Florida, where orchard operators are making a bid for their place in the industry. Construction of the experiment station at McNeil by the WPA is expected greatly to facilitate experiments to determine the best methods and conditions by and under which tung oil may be produced in the United States from domestically grown nuts.

Unilever Creating New Capital

LONDON, Aug. 15, 1936.

An extraordinary general meeting of Unilever, Ltd., has been called for the end of August for the purpose of creating £3,500,000 additional 7 percent cumulative preferred capital. Of this amount £2,500,000 is for use in connection with the offer recently made to the participating preference stockholders of Jurgens, Ltd., of whom holders of more than 90 percent in value of the stock have accepted the offer, and the remainder will be available for issue for the general purposes of the company at such times as the directors think fit.

Rowland Buys Tung Crush Mill

Lamont Rowland, Picayune, Miss., owner of a 10,000 tung tree grove in Pearl River county, that state, has purchased a thirty-ton crushing mill, and says he expects to harvest 1,000 tons of tung nuts this year. Pearl River county has 48,000 acres planted to tung trees, representing approximately seventy percent of the total tung acreage in the United States.

Soap manufacturers in Panama are named in a list available in the Chemical Division of the Bureau of Foreign and Domestic Commerce. Accredited American firms can get copies at 10 cents each.

Obituaries

Philip Ignatius Heuisler

Philip Ignatius Heuisler, chairman of the board of directors of the Emerson Drug Company, Baltimore, died unexpectedly August 17, at Franconia, New Hampshire, where he had gone several weeks ago for a vacation. He suffered a stroke and died less than twelve hours later. Mr. Heuisler was sixty-five years old.

Born in Baltimore, Mr. Heuisler was the son of the late Joseph S. Heuisler, a member of the Baltimore Bar, and

Philip Ignatius Heuisler

Katherine McCann Heuisler; and a brother of the late Judge Charles W. Heuisler, and Dr. Joseph S. Heuisler. He was a graduate of Loyola College, and studied pharmacy at the University of Maryland and chemistry at Johns Hopkins University. He became associated with the late Captain Isaac E. Emerson about forty-six years ago, in the early days of the Emerson Drug Company, manufacturer of Emerson's "Bromo-Seltzer," and at the death of Captain Emerson in 1931 became president of the company. At that time, he succeeded Joseph F. Hindes, who was made chairman succeeding Captain Emerson. When Mr. Hindes died last October, Mr. Heuisler became chairman.

Mr. Heuisler also was president and chairman of the executive committee of the Maryland Glass Corporation, Baltimore, and Bromo-Seltzer, Ltd., Toronto, Canada; chairman of the executive committee of the Emerson Hotel Company, and vice-president of the Citro Chemical Company, Maywood, N. J. He was a former president of the Glass Container Association of America, in which organization he was active for many years; and also was particularly active in the Proprietary Association, the Baltimore Drug Exchange, and the American Pharmaceutical Association. National legislation of recent years imposed heavy duties upon him, and he was always in the forefront of those who worked for the best interests of the drug and allied trades. In addition, Mr. Heuisler was a former president of the Rotary Club, a member of the Knights of Columbus, Maryland Pilgrims Association, Baltimore Country Club, Elkridge Club, Rolling Road Golf Club, and Engineers Club. He was an enthusiastic golfer and played almost daily during his stay at Franconia just prior to his death.

Mr. Heuisler's home was at 100 St. Albans Way, Homeland. Surviving are his wife, the former Marie Hilda Gardiner; two sons, J. Stanley Heuisler, sales manager of the Emerson Drug Company; Philip I. Heuisler, assistant treasurer of the Maryland Glass Corporation; seven daughters, Madame Heuisler, a nun at the Sacred Heart Academy, St. Louis; Mrs. Edward A. McCormick, Mrs. George Hebner, jr., Mrs. Harris Jones, Mrs. Charles M. Rich, Miss Katharine Heuisler, and Mrs. Heuisler Leach; a brother, William Heuisler, Philadelphia; a sister, Mrs. Francis E. Tormey, Baltimore, and fourteen grandchildren.

J. J. O'Brien

J. J. O'Brien, president, member of the executive committee and a director of the Deep Rock Oil Company, died in Chicago August 7. Mr. O'Brien also was president, chairman of the executive committee, and director of the Standard Gas & Electric Company; member of the executive committee and director of the Philadelphia Company, and a director of the Standard Power & Light Corporation.

Boris Presman

Boris Presman, vice-president of the Santonine Company of America, Inc., a subsidiary of Charles L. Huisking & Co., this city, died August 19 from a heart ailment. He was fifty-six years of age.

Mr. Presman was a native of Russia and in his youth became associated with I. Goldberg, St. Petersburg, Russia, the world sales agent for santonin and Russian botanical drugs. He came to the United States in 1915 to act as representative and purchasing agent for the Goldberg company.

When the Russian revolution ended the world monopoly of the Goldberg organization, a new company, known as the Eastern & Russian Trading Corporation, was set up for the sale of santonin and Mr. Presman was appointed sole agent for the United States. Later, the USSR set up its own sales and purchase company in this country and for a time Mr. Presman was identified but nominally with the santonin business.

The Santonine Company of America was created in this country by the Huisking company to sell santonin manufactured in the United States and Mr. Presman joined the organization as vice-president. He was a member of the Maimonides Lodge, F. and A. M.

Funeral services were held August 21 at the Riverside Chapel, this city. Surviving are his wife, Mrs. Jennie Presman, and two sons, David and Norman.

Lee Costly, president of the West Texas Oil Company, Dallas, Tex., died July 23 while on a visit to Denver. He was seventy-one years old. Surviving are his wife and three children.

Edward M. Giles, chemical engineer, for the past eight years connected with C. E. Hoover, colors, this city, died August 14. Funeral services were held at Bethlehem, Pa., August 18. Surviving are Mrs. Giles and a son, Richard Giles.

William Henry Ingram, New England representative for the Archer-Daniels-Midland Company, died July 31 at the New England Baptist hospital, Brookline, Mass., after a short illness. He was seventy-three years old. For several years Mr. Ingram was with the American Linseed Company, Philadelphia, and went to Boston as the representative of that company. In 1928 the Archer-Daniels-Midland Company took over the American Linseed Company, and Mr. Ingram continued as representative. He had been a member of the Paint and Oil Club of New England since 1914. Surviving are his wife, a son and a daughter.

Walter A. Layfield, retired vice-president of the Atlas Powder Company, died August 20 in Elkton, Md., following an operation for appendicitis. He was sixty-four years old. Surviving is a daughter, Mrs. Grace L. Simpson, of this city.

Edward Hold Morris, vice-president and director of the Ruberoid Company, this city, and president of the John Lang Paper Company, Philadelphia, died at his home in the latter city, August 10, after an illness of several months. He was seventy-six years old. Surviving are his wife, Mrs. Hallie Stevenson Morris; a daughter, Miss Hallie Morris; a son, Edward Hold Morris, and two brothers, Henry Foster Morris, jr., and John F. L. Morris.

Homer Williams, purchasing agent and office manager of the Hooker Electro-Chemical Company, Niagara Falls, N. Y., since 1912, died August 11. He was fifty-five years old. Mr. Williams was chairman of the chemicals committee of the National Association of Purchasing Agents. He was a graduate of Rochester University. Surviving are his wife and a daughter.

J. Emmett Wolfe, formerly treasurer of the Neumann-Buslee & Wolfe Company, Chicago, died in Los Angeles, Cal., August 8. He had been associated with the company for many years.

American Zinc, Lead & Smelting Company has acquired the 300-ton mill of the Grand View Mining Company and the Grand View Mine in Washington State. Needed improvements are under way and the mill will treat the ore from the mine, both idle for several years.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-thirty-eighth Instalment

Latex

Vulcanization Accelerators for Latex

(Continued from August 17 issue)

Reaction product of—
- Sodium salt of mercaptobenzothiazole with quinolin chlorobenzylate
- Sodium salt of mercaptobenzothiazole with quinolin iodomethylate
- Thiazoles with alphanaphthylamine
- Thiazoles with amines
- Thiazoles with anilin
- Thiazoles with betanaphthylamine
- Thiazoles with betanaphthylamine and acetic anhydride
- Thiazoles with betanaphthylamine and crotonaldehyde
- Thiazoles with betanaphthylamine and formaldehyde
- Thiazoles with betanaphthylamine and furfural
- Thiazoles with butylcyclohexylamine
- Thiazoles with butylpara-aminodimethylanilin
- Thiazoles with butyraldehydepropylamine
- Thiazoles with crotonaldehydeanilin
- Thiazoles with cyclohexylanilin
- Thiazoles with cyclohexylbenzylamine
- Thiazoles with 2:5-dichloroanilin
- Thiazoles with ethylcyclohexylamine
- Thiazoles with formaldehydebetanapthylamine
- Thiazoles with isopropylcyclohexylamine
- Thiazoles with methylcyclohexylamine
- Thiazoles with orthochloroanilin
- Thiazoles with orthotoluidin
- Thiazoles with parachloroanilin
- Thiazoles with paratoluidin
- Thiazoles with paraxylidin
- Thiazoles with primary aromatic amines

Robac

Rubidium salt of dithiofuroicacetic acid

Safex

Salts of—
- Alkyl ammonium
- Ammonia
- Alphanaphthylamine
- Amines
- Anilin
- Betanaphthylamine
- Betanaphthylamine and acetic anhydride
- Betanaphthylamine with crotonaldehyde
- Betanaphthylamine with formaldehyde
- Betanaphthylamine with furfural
- Benzylamine
- Butylcyclohexylamine
- Butylparaminodimethylanilin
- Butyraldehydepropylamine
- Crotonaldehydeanilin
- Cyclohexylanilin
- Cyclohexylbenzylamine
- 2:5-Dichloroanilin
- Ethylcyclohexylamine
- Formaldehyde betanaphthylamine
- Isopropylcyclohexylamine
- Methylamine
- Mercaptothiazoles
- Methylcyclohexylamine
- Methylpropylamine
- Orthochloroanilin
- Orthotoluidin
- Parachloroanilin
- Paraparadiaminodiphenylmethane
- Paraphenylenediamine
- Paratoluidin
- Paraxylidin
- Piperidine
- Substituted guanidins with organic acids
- Thio acids
- Thioureas
- Toluidin
- Trimethylamine
- Thiuramsulphides
- Thiocarbanilide
- Triphenylguanidin
- Tricrotonylidenetetramine with aliphatic carboxylic acids containing more than 10 C atoms
- Tricrotonylidenetetramine with stearates
- Urea

Selenium

Silver dithiocarbamate

Sodium betanaphtholate

Sodium butylheptylcarbamate

Sodium butylhexylcarbamate

Sodium cresolate

Sodium dibutyldithiocarbamate

Sodium diheptyldithiocarbamate

Sodium dihexylthiocarbamate

Sodium dipentathiocarbamate

Sodium ethylxanthogenate

Sodium heptyl(5:5'-dimethylhexyl)dithiocarbamate

Sodium hydroxide and glycerin

Sodium hydroxide and glycol

Sodium laurate

Sodium methylxanthogenate

Sodium phenclate

Sodium salts of amino halogen substituted mercaptoarylthiazoles

Sodium salts of dibutyldithiocarbamic acid

Sodium salt of dithiofuroicacetic acid

Sodium salts of halogen substituted mercaptoarylthiazoles

Sodium salt of 2-mercaptobenzothiazole with benzyltrimethylammonium chloride

Sodium salt of 2-mercaptobenzothiazole with 2:3-dihydroxypropylpyridinium chloride

Sodium salts of 2-mercaptobenzothiazole with hexadecylpyridium bromide

Sodium salt of 2-mercaptobenzothiazole with hexadecyltrimethylammonium bromide

Sodium salts of nitrated substituted mercaptoarylthiazoles

SPDX

Stearamide

Stearin

Stearic acid

Stearicaldehydeanilin

Sulphide of phosphorus and magnesium oxide

Sulphur chloride

Sulphur chloride and mercaptobenzothiazole

Sulphur chloride and tetramethylthiuram monosulphide

Sulphur chloride and zinc diethyldithiocarbamate

Sulphur flowers

Sulphur nitrogen compounds

Sulphurfree guanidins

Sulphurfree ureas

Suparac

Super-sulphur

Symmetrical diarylarylaminoguanidin

Symmetrical di(betanaphthyl)paraphenylenediamine

Telloy

Tellurium dialkyldithiocarbamates

Tellurium dibenzyldithiocarbamate

Tellurium diethyldithiocarbamate

Tellurium dithiobenzoic acid

Tellurium dithiocarbamate

Tellurium dimethyldithiocarbamate

Tellurium dithiofuroic acid

Tellurium pentamethyldithiocarbamate

Tensilac 39

Tepidone

Tetradexhydrophenylthiuram

Tetramethylenediamine

Tetramethylenediamine condensation with aluminum chloride

Tetramethylenediamine condensations with calcium acetate

Tetramethylenediamine condensations with magnesium acetate

Tetramethylenediamine condensations with oleic acid

Tetramethylenediamine condensations with palmitic acid

Tetramethylenediamine condensations with sodium acetate

Tetramethylenediamine condensations with stearic acid

Tetramethylenediamine condensations with zinc acetate

Tetramethylenediamine condensations with zinc chloride

Tetramethylenediamine condensations with zinc hydroxide

Tetramethylthiouram disulphide

Tetramethylthiuram monosulphide

Tetramethylthiuram monosulphide with sulphur chloride

Tetramethylthiouram tetrasulphide

Tetraphenylmelamine

Tetraphenylmelamine hydrochloride

Tetrone

Tetrone A

Thiazole derivatives

Thiazoles with amines

Thiazoles with betanaphthylamine

Thiazoles with butylcyclohexylamine

Thiazoles with cyclohexylanilin

Thiazoles with cyclohexylbenzylamine

Thiazoles with ethylcyclohexylamine

Thiazoles with isopropylcyclohexylamine

Thiazoles with methylcyclohexylamine

Thiazyl esters of secondary alicyclic dithiocarbamic acids

Thio acid salts of thiocarbanilide

(To be continued)

Pharmaceutical and Drug Manufacturers Appreciate the High Quality Standards of

Baker's SODIUM HYDROXIDE POTASSIUM HYDROXIDE

Baker's Sodium Hydroxide and Baker's Potassium Hydroxide are always pure white and extremely low in heavy metals.

Because of their very low index of impurity items, such as chloride, sulphate, phosphate, nitrogen, iron, silica and aluminum, leading pharmaceutical and drug manufacturers invariably choose these well-known Baker Chemicals.

Outside the drug field Baker's Sodium Hydroxide also has a fine following. Ink manufacturers, refiners of petroleum, vegetable oils and numerous other industries appreciate Baker's dependable quality standards.

Baker's Sodium Hydroxide is supplied in C.P. Sticks, U.S.P. Sticks, C. P. Pellets and Purified Flakes, Baker's Potassium Hydroxide, C.P. Sticks, U.S.P. Sticks, C.P. Pellets and U.S.P. Granular. If you use either of these chemicals let Baker quote you on your requirements. Baker's high quality standards are offered at no price premium.

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Acid Carbolic USP Fused Crystal
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Acid Salicylic USP Crystal and Powder
Ammonium Bromide USP Granular
Bismuth Metal C.P. Lump 99.8%
Bismuth Metal C.P. Granular 99.8%
Bismuth Nitrate C.P. Crystal and Purif. Crystal
Bismuth Subcarbonate USP Powder
Bismuth Subgallate USP Powder
Bismuth Subnitrate USP Light Powder
Iodine USP Resublimed
Lead Acetate USP Crystal and Powder
Lead Acetate Tech. Crystal
Lead Acetate C.P. Basic Dry Powder
Magnesium Oxide USP Light Powder
Potassium Bitartrate USP Pow.(Cream of Tartar)
Potassium Bromide USP Cryst., Gran. or Powder
Potassium Hydroxide USP Sticks
Potassium Iodide USP Cryst., Gran. or Powder
Silver Nitrate USP Crystal
Silver Bromide USP Granular
Sodium Bromide USP Powdered
Sodium Hydroxide USP Sticks (Caustic Soda)
Sodium Potassium Tartrate USP Cryst. or Powd.
SodiumSalicylate USP

MANUFACTURERS OF
"Baker's Analyzed"
C. P. CHEMICALS AND ACIDS

Drugs, Fine Chemicals

Some Alcohol Prices Advanced—Corn Syrup Higher—Menthol Rises With Shipment Costs—Quicksilver Up—Cream of Tartar Reduced—Cocoa Butter Climbs

Demand for drugs and fine chemicals continued to be maintained at a fairly satisfactory volume last week. Prices for the most part were very steady; in major items, this was particularly so. Changes in quotations during the period under review included higher prices on cocoa butter, corn syrup, menthol, and quicksilver, while those on cream of tartar were reduced.

The advance in cocoa butter was caused by a decrease in stocks that developed when a very good domestic and export interest arose. Corn syrup at higher prices reflected a further rise in the cost of corn. It was noted that domestic prices on corn at $1.16 per bushel compared with 93c. per bushel prevailing on corn in the Argentine. A substantial import from the Argentine is expected. The price on corn was also influential on the prospective position of grain alcohol, the production cost of which has been increased substantially by the much higher cost of raw material. New prices on specially denatured alcohol, formula No. 1, special solvent alcohol, and ethyl alcohol were filed late in the week. The prices were 1c. higher than the previous schedule. Not all producers had filed at a late hour last week.

Menthol was higher for replacement and the advance in spot quotations hardly brought local values even with the cost to replace in the primary market. Quicksilver felt the effect of the civil war in Spain, from which country comes the bulk of quicksilver used in this country. Agents for the foreign cartel stated that they would receive shipments from Spain but that instead of being able to virtually guarantee shipment within ten days of receipt of order—the usual understanding of the term "prompt shipment" in the quicksilver trade—at least two weeks will be the custom for the present and even that period can hardly be guaranteed under the present unsettled commercial relationships with Spain.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Alcohol, denatured, special No. 1, drums, car lots, 1c. per gal.
special solvent, drums, car lots, 1c. per gal.
ethyl, car lots, drums, 1c. per gal.
Cocoa butter, 2c. per lb.
Corn syrup, 42 degrees, 20c. per 100 lbs.
43 degrees, 20c. per 100 lbs.
Menthol, 5c. per lb.
Quicksilver, $1 per flask.

Reduced

Cream of tartar, ½c. per lb.
Silver bullion, London, 1/16 pence per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
179.4	179.1	178.9	184.4

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide. — While business was somewhat routine in character, it was still active within seasonal limits and the result was a steady market at well maintained prices throughout the past week.

Acetphentidin.—Demand was still all that could be expected at this time and for the most part was normal and up to expectations. The undertone of the market was said to be very steady and prices held well throughout the period under review.

Acid, Citric.—Continuation of weather highly seasonal and distinctly favorable for encouraging consumption of this acid prevailed last week. Sales were made in very fair sized volume and the market as a whole ruled in steady position.

Acid, Tartaric. — Consumption was said to be in fair sized volume and the market as a whole displayed a steady undertone throughout the past week. Movement to buyers was said to be well up to the levels noted in recent periods. Prices held very well and were little subject to competition.

Agar Agar.—Prices were strong and the tendency was upward. Replacement costs warrant a strong market, it was said, and when backed by moderate offerings of goods for shipment, the cost of further supplies was doubly firm. Demand on spot was moderate to good.

Alcohol.—Prices on S. D. No. 1, special solvent, and ethyl alcohol were raised 1c. per gallon on the car lot quantities in drums and barrels. The price for tankcar deliveries was held unchanged. New prices were:—S. D. No. 1, drums, car lots, 29c. per gallon; barrels, 30c.; special solvent, drums, car lots, 30c.; ethyl, ex molasses, drums, car lots, $4.13. On other quantities, the schedule was incomplete but one producer quoted as follows:—S. D. No. 1, 19 drums, 31c. per gallon; 1 to 18 drums, 34c.; special solvent, 20 drums, 32c.; 1 to 19 drums, 35c. Within another week, the full filings of prices will be completed and a more comprehensive breakdown will be available for publication.

Aloin.—The spot market was very steady. A more stable market on raw material has checked the downward movement of prices on aloin and on the whole the situation appeared to be considerably improved. Demand was about normal.

Antipyrene. — Movement into consumption was in line with the season and the market kept steady undertones with prices holding very well. The market appeared to be well stabilized.

Bismuth Metal and Salts. — Demand was very good. Stocks of bismuth metal moved steadily into consumption and there appeared to be a fair market for supplies as they came from the refiners. Bismuth salts were steady in price and moved in normal volume.

Borax.—A well stabilized market to the end of this year was the prospect. Shipments from the mines were good on both domestic and export account and buyers operating under contracts were taking tenders promptly in practically all cases.

Bromine and Bromides.—The usually good consumption of this group was reported and the market seemed to be quite steady most of the time. Home manufacturers seemed to be supplying requirements of buyers promptly and at prices satisfactory to the consuming trades.

Castor Oil.—Routine but very steady consumption was reported in a market where prices seemed to be fairly stable and free from any important granting of concessions even in special instances. Raw material costs have held up very well.

CHICAGO, Aug. 20.—Castor oil is marking time. Orders from the drug trade have continued along fairly extensive lines. Supplies do not over-run the market, it is asserted. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cocoa Butter.—Prices were higher at 17c. per pound. Stocks dropped sharply on absorption of the limited offerings on this market. There was a call on domestic and export account. The market was very firm.

Codliver Oil. — Sellers of leading brands on spot have become reserved. They view the future with confidence, feeling that the short production in Norway and the probable consuming requirements of this, as well as of other nations, will eventually force prices much higher on the unsold balance of 1936 production. The market was firm locally.

Corn Syrup.—Quotations were advanced 20c. per 100 pounds last week because of the continued rise in raw material prices. The latter made a new high for this year and rose to a position higher than the price for wheat—a most unusual development. Plentiful supplies of corn exist in the Argentine where prices were around 93c. per bushel, compared with $1.16 on the do-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
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MUrray Hill 6-1990

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SYNTHETIC
Available For The First Time IN ALL FORMS
POWDER 1 oz. TABLETS
2½ lb. SLABS ½ oz. TABLETS
Prompt Shipment From New York Stock
Write For Samples and Prices To
SHERKA CHEMICAL COMPANY, Inc.
BLOOMFIELD, NEW JERSEY—*Importers*
or
GEORGE UHE COMPANY
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FINE HEYDEN CHEMICALS
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid — Salicylic Acid
Sodium Salicylate — Methyl Salicylate
Minor Salicylates
Creosote — Guaiacol
Creosote Carbonate — Guaiacol Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda — Benzyl Chloride
Benzoic Acid — Benzaldehyde
Bromides — Silver Proteins
Glycerophosphates
factories GARFIELD, N.J. PERTH AMBOY N.J
HEYDEN CHEMICAL CORPORATION
50 UNION SQ. NEW YORK N.Y.
180 N. WACKER DR CHICAGO, ILL.

mestic market last week. New quotations on syrup were $4.10 per 100 pounds for 42 degree syrup, and $4.20 on the 43 degree material.

Cream of Tartar.—The market was more competitive and domestic manufacturers reduced quotations ½c. per pound, making a new schedule as follows:—Powder, or granular, 16¼c. per pound in barrels; kegs, ½c. higher; crystals, 16¾c. per pound in barrels; kegs, ½c. higher.

Ephedrine.—Consumption ran along seasonal lines and volume was very good in practically all quarters. Prices ruled firmly and appeared to be in well stabilized position. Stocks were ample.

Glycerin.—Production of the refiners was well engaged and there was no surplus of goods available in any quarter. Production costs were held high by the prevailing prices on crude glycerin in the world markets. Foreign crude was particularly high and European consumption was said to be reaching comparatively high levels. Disturbed political conditions on the Continent has increased consumption of glycerin in the manufacture of explosives.

CHICAGO, Aug. 20.—The c.p. glycerin situation here is routine. Prices have shown no change. Sellers state they are making deliveries readily and that stocks are ample for needs. Other grades have continued quiet and unchanged. Ruling prices are:—C.p., drums, car lots, 15½c. per pound; drums, less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c., according to quantity; dynamite, car lots, 15½c.; less than car lots, 16c.; soaplye, 12c. to 12½c.; drums, less than car lots, 15⅞c.

Menthol.—Prices on menthol were higher at $3.30 to $3.40 per pound depending on quantity and seller. Jobbing sales were made at $3.35 late in the period. The market in Japan has been advancing moderately of late, giving a stronger tone to the spot position of menthol. Demand was moderate.

Mercurials.—The market was firm. Uncertainty concerning future supplies of quicksilver from Spain has strengthened the metal market substantialy and hence mercurials have turned into firmer channels. Demand for mercurials was normal during the past week and full prices were obtained.

Quicksilver.—Civil war in Spain continued to make highly uncertain the date of the next arrivals, if any, from that country. Agents of the Hispano-Italo cartel recently stated that they would receive metal from Spain but that shipment dates were indeterminate. Sales are usually made on a prompt shipment basis, and prompt shipment of quicksilver usually means ten days from receipt of order. Two weeks was suggested for the present. In the meantime, domestic sellers have become somewhat reserved. Demand did not press very sharply on the domestic suppliers but their stocks were moderate and in strong hands.

SAN FRANCISCO, Aug. 17.—Reports vary here in the trade regarding the status of quicksilver. Some find inquiry good, while others report the metal is in light demand. The tone of the market appears as fair enough, taking the Spanish situation into consideration. One prominent operator here is of the opinion that London stocks of Spanish metal, the quantity of which is apparently being held confidential, holds the present key to the situation. Meantime, the market is quoted at from $73 to $74 per flask in 100-flask lots, New York basis; San Francisco delivery, 65c. per flask lower.

Quinine.—Increased demand for quinine has been world wide for some time past and it has been learned that in the latter part of 1935 the government of Netherland India increased the permissible annual export quotas, acting under the cinchona restriction scheme, from 620,000 kilos of sulphate to 720,000 kilos. Total shipments from Netherland India during the first half of this year totaled 89,361 kilos, compared with 13,797 kilos during the corresponding period in 1935. The bulk of this year's export, being 77,298 kilos, went to the Netherlands. Shipments to British India totaled 2,335 kilos; China, 4,304 kilos, and Japan, 3,550 kilos. The spot market on quinine prevailed in very steady fashion with demand very good and the prospects for the future said to be favorable.

Rochelle Salt.—Prices held unchanged, although another tartar product was reduced in price last week. The market was said to be fairly steady and to be made up principally of routine business.

Seidlitz Mixture.—This tartar product held unchanged even though another showed weakness in the form of a moderate reduction in prices. Demand for mixture was said to be about normal and a steady undertone seemed to prevail.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19½
Monday	32⅝	44¾	19½
Tuesday	32⅝	44¾	19⅜
Wednesday	32⅝	44¾	19⅜
Thursday	32⅝	44¾	19⅜
Friday	32⅝	44¾	19⅜

W.S. Merrell Company To Relocate Its Plant

The property of the William S. Merrell Company, pharmaceutical manufacturer, at Fifth, Pike and Butler streets, Cincinnati, has been purchased by the city in preparation for the construction of the Columbia avenue viaduct. The Merrill company will begin shortly the construction of a complete new plant on Amity road at the P. R. R. tracks in Sycamore township near Reading, a suburb of Cincinnati. The company has owned a large tract of land there for several years and has its research laboratories there.

An investment of more than $800,000 will be made by the company in its new home. The laboratory and office buildings will be specially designed and will represent the latest in manufacturing and other equipment. Construction will be of brick, steel and concrete. The office building will be two stories in height, and the laboratories will range from one to three stories.

It is the company's plan and expectation to have its new home ready for occupancy early in 1937.

W. Neill Baird, of F. W. Berk & Co., Inc., chemical merchants, this city, is visiting England on his annual vacation.

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RUSSIAN WHITE MINERAL OILS

Genuine Imported U. S. P. FLAG BRAND All Viscosities

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Stocks carried in principal cities of the United States and Canada

Vitamin B1 Synthesized

Dr. R. R. Williams, chemical director of the Bell Telephone Laboratories, and Dr. J. K. Cline, of the research laboratories of Merck & Co., report the synthesis of vitamin B1. Other important collaborators in the work have been Prof. H. T. Clarke, Dr. E. R. Buchman, R. E. Waterman, and A. E. Ruehle. The earlier work was done at Columbia University and the later phases at the research laboratories of Merck & Co. Funds for the project were provided for many years by the Carnegie Institution and later by Merck & Co. under the auspicies of the Research Corporation, this city.

This development marks the culmination of twenty-six years of intensive experimental effort by Dr. Williams on this, the first of the vitamins to be discovered. The results confirm the chemical picture of the vitamin molecule which Dr. Williams and his coworkers recently announced and also provide a practical method of producing this substance for which an increasing number of uses are developing in medicine and public hygiene.

The synthesis is effected by combining 2-methyl-5-brommethyl-6-aminopyrimidin with 4-methyl-5-betahydroxyethylthiazole. The former is somewhat related to barbituric acid; the latter is a pyridin-like sulphur compound containing substance more or less akin to certain of the agents used in accelerating the vulcanization of rubber and in the sensitization of photographic plates.

In spite of the difficulty of the synthesis, it is said that the vitamin can be produced much more cheaply by this process than by extraction from natural products.

Ciba Pharmaceutical Expanding

Ciba Pharmaceutical Products, Inc., this city, has purchased 44 acres of land at Summit, N. J., as part of the organization's program of expansion. A factory to occupy about seven acres will be erected, and provisions made for increase in manufacturing facilities will permit an efficient arrangement of buildings as the requirements of the company may dictate in the future. Building operations will start in the near future. No estimate of costs has been made public.

N.Y.Q. and Hopkins Teams To Play Baseball Aug. 27

The baseball teams representing the New York Quinine & Chemical Works and J. L. Hopkins & Co., will play a game August 27 on the field at the Western Electric Company's grounds, Brooklyn. Play will start about 6 p.m. Arrangements for the contest were made by H. F. Hein, captain of the N.Y.Q. team, and W. J. Bott, leader of the Hopkins "Rajahs."

Jesse Hopkins, "owner" of the "Rajahs," has agreed to throw out the first ball and has promised to pitch for his team in case of dire necessity. Because of the particular friendship between the "owner" of the "Rajahs" and Frank McDonough, "owner" of the N.Y.Q. team, it is expected that the contest will be continued in pertinent conversation after the players have finished their stint.

Narcotics Output of World Is Decreasing

(Continued from page 5)

smallest of record; they compared with those in 1930 as follows:—

	Kilos	
	1934.	1930.
Morphine	1,456	2,618
Diacetylmorphine	243	888
Cocaine	1,115	1,789

World consumption of the major narcotics has also shown a decreasing trend. The annual volume during the 1932-34 period was as follows:—

	Kilos		
	1934.	1933.	1932.
Morphine (as such)	6,810	7,410	7,255
Diacetylmorphine	1,019	1,135	1,257
Cocaine	3,209	3,409	3,542

The report says that, generally stated, the quantities of diacetylmorphine and cocaine manufactured by licensed producers came increasingly near to the quantities necessary for legitimate consumption. The 5,777 kilos of morphine remaining as such in 1934 is said to be less than was necessary for legitimate consumption.

A.I. Alcohol Corp. Is a Manufacturer

Through an inadvertence the Allied Industrial Alcohol Corporation, Chrysler building, this city, was listed only as a distributor, and not as a manufacturer, of pure and denatured alcohol in the 1936-37 edition of the Green Book. This company is a manufacturer of ethyl alcohol, of neutral spirits, and of denatured alcohols of all formulas, including proprietary solvent for use in the paint, varnish, and lacquer industry.

The REPORTER regrets the failure to indicate in the Green Book that the Allied corporation is a manufacturer of alcohol and suggests that copies of the directory be annotated to correct the omission.

Merck's Home Hygiene Booklet

An interesting and useful booklet for the housewife, entitled "Home Hygiene," is now being distributed by Merck & Co., through retail druggists. It is attractively printed in two colors and contains twenty-four pages of helpful information and illustrations dealing with problems which daily confront women in the home. It discusses the advantages of sunlight, fresh air, soap and water, disinfectants, the control of annoying and destructive insects, first aid, the sickroom, the medicine cabinet, and the like.

In addition to recommending the use of a number of Merck household products, the booklet contains useful general information and points out the important service rendered by the family physician and the neighborhood druggist.

Perfume and Cosmetic Buyers To Meet September 22 to 25

The Perfume and Cosmetic Buyers Conference will hold its second annual meeting and exhibition in the Roosevelt hotel, this city, September 22 to 25. Gilbert H. Montague, counselor-at-law, will address the conference on the first day on "Purchasing under the Robinson-Patman Act." William Soloman, of the Whelan Drug Stores, will be chairman of the luncheon and conference on the third day. The exhibition will be open to buyers attending the conference from 10:00 a.m. to 6:00 p.m., after which time it will be semi-public.

Hungarian and Czechoslovak Chemical Concerns in Pact

A cartel agreement has been registered in Czechoslovakia between the Verein fuer Chemische und Metallurgische Production, Usti, the largest Czechoslovak chemical enterprise, popularly known as the Aussiger Verein, and the Hungarian Fertilizer, Sulphuric Acid & Chemical Industries, Budapest, Hungary. According to information received by the Department of Commerce from the commercial attache at Prague, the cartel regulates production and sale of all industrial chemicals produced by the two combines, except bone and glue products. The Aussiger Verein acquired in 1914 a majority of the shares of the Hungarian concern.

DOW ACETPHENETIDIN, U.S.P.

An untold number of cold sufferers are, today, paying their money across the counter for relief from this great seasonal ailment.

To countless thousands this relief will come through products containing Dow Acetphenetidin, U.S.P.

The name of Dow may remain unknown to them. Their confidence and loyalty will go to the maker of the finished product they buy from the druggist. This is as it should be.

But they are, and have been, for nigh on to fifty years, very real to Dow. As our customers' customers so are they ours.

As this is true in the case of Acetphenetidin, so does it hold for the entire line of Dow pharmaceutical chemicals. Dow is as jealous of its integrity as expressed in the quality of its base products as if it were meeting the individual consumer face to face.

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THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN
Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, Saint Louis

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HALIBUT LIVER OIL

Potencies as required. Plain or fortified. Rigidly bioassayed by U. S. P. XI Procedure. Non-Solvent Extracted. Mild Odor and Taste. Light Color.

NATURAL VITAMIN D

35,000 U. S. P. XI Units per gram. (Approximately 16,000,000 units per pound).
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FISH LIVER OIL CONCENTRATES

Potencies up to 200,000 U. S. P. XI Vitamin A units per gram, with Vitamin D in ratio 1:10.

S. B. Penick & Company are a *non-competitive* source of supply for the above materials. Utmost care is exercised to assure highest quality before release for sale. Potencies are fully guaranteed.

Prices distinctly in line with lowest quotations from reliable sources.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

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Forty-sixth Instalment

Hygell; colloidal stabilizer and thickener for foods and industrial products; Chittenden, Turner & Co., Boston.

Hyklean; chemical compound for cleaning and bleaching wool; Hagemeyer Trading Company, New York.

Hynite; animal ammoniate fertilizer material; United Fertilizer Company, Carrollville, Wis.

Ialine sulphur, colloidal sulphur, and sulphur products; Colloidal Sulphur Corporation, Dover, Del.

Ibex (Acid calcium phosphate); for aerating purposes; Albright & Wilson, Ltd., London, England.

Ibex Phosphates (Calcium biphosphate); for use in baking powder; Albright & Wilson, Ltd., London, England.

Ichto Phen; soluble sulphonated hydrocarbon; Ichthyoletic Products Corporation, New York.

Ichto Sept; soluble sulphonated hydrocarbon; Ichthyoletic Products Corporation, New York.

Ichto Sul; soluble sulphonated hydrocarbon; Ichthyoletic Products Corporation, New York.

I.C.I. chemicals and chemical specialties; Imperial Chemical Industries, Ltd., London, England.

Icyl dyestuffs; Imperial Chemical Industries, Ltd., London, England.

Idealone S; synthetic perfume base for soaps; Synfleur Scientific Laboratories, Monticello, N. Y.

Idio; antifreeze; Eureka Products Company, St. Louis.

I. G. Wax Y, Z; synthetic waxes; General Dyestuff Corporation, New York.

Igenal dyestuffs; General Dyestuff Corporation, New York.

Igepon A, P (Isethionic acid or its salts); component of textile reagents; I. G. Farbenindustrie A. G., Frankfort-on-Main, Germany

Igerol aromatic agents; M. Naef & Cie., Geneva, Switzerland.

Imatrex (Chlorates, perchlorates, and chlorated sticks); used in manufacture of explosives; Finska Elektrokemiska Aktienbologet, Helsingfors, Finland.

Immedial dyestuffs; General Dyestuff Corporation, New York.

Immersol; wetting-out and penetrating agent; Nyanza Color & Chemical Company, New York.

Immunol; glue preservative; Monsanto Chemical Company, St. Louis.

Imp dyewood and tanning extracts; Imperial Dyewood Corporation, Lynchburg, Va.

Imperial bleach solution for straw; Larry Verdi, Ossining, N. Y.

Imperial carbon black; Imperial Oil & Gas Products Company, Pittsburgh.

Imperial color for butter and cheese; H. D. Thacher & Co., Potsdam, N. Y.

Imperial gum; synthetic resin; John D. Lewis, Inc., Providence, R. I.

Impervium; waterproofing and oilproofing agent for textiles and paper; Impervium Products, Inc., Cleveland, Ohio.

Impervo; waterproofing and mildewproofing agent for canvas and other textiles; Robeson Preserve Company, Port Huron, Mich.

Impregnole; water-repellant agent for textiles; Warwick Chemical Company, West Warwick, R. I.

Impulsor; general emulsifier; Longford Process Company, London, England.

Inco; regulating reagent for acid metal-pickling baths; Inter Coastal Paint Corporation, East St. Louis, Ill.

Inco nickel salts; International Nickel Company, New York.

Incontrol; regulating reagents for acid metal-pickling baths; International Paint Corporation, East St. Louis, Ill.

Inderm; acceleratin g and penetrating agent for use in dehairing, tanning, and bating baths: Synthetic Chemicals, Inc., Jersey City, N. J.

Indigene coaltar colors; Society of Chemical Industry in Basel, Basel, Switzerland.

Indocarbon dyestuffs; General Dyestuff Corporation, New York.

Indomine dyestuffs; Chemical & Dye Corporation, Springfield, N. J.

(To be continued)

Trade News Briefs

Barbosa & Ury, exporter, Fortaleza, Ceara, Brazil, has moved to 125-131 Avenida Alberto Nepomeceno. The firm's mail address is postoffice box 171.

International Petroleum Corporation, Los Angeles, has purchased for $100,000 cash 80 acres of an oil-producing lease in Upton county, Texas, with a potential production estimated at 1,457 barrels daily.

White Paint Company, Baltimore, is planning extension of its plant facilities, by the addition next month of a brick two-story warehouse 180 feet by 75 feet, and the erection of a three-story manufacturing addition 120 feet by 100 feet by next Spring.

Richfield Oil Company of California and Pan American Petroleum Company reorganization plans are reported in such shape by R. W. Miller, secretary of the reorganization committee, that it is hoped to be able to file them with the court before the end of August.

Cellulose enamel (lacquer), newly exploited in Germany under the tradename, "Emailliola," is said to be noninflammable, insoluble in water, benzin, alcohol, benzene, turpentine, or acetone, and highly resistant to acids, alkalies, weathering, and mechanical influences.

Colorado Petroleum Industries will hold a convention in Colorado Springs September 14. Elimination of federal gasoline tax, stricter enforcement of anti-bootlegging provisions of the present law and reduction of general gasoline taxes will be some of the problems handled.

St. Joseph Lead Company has sold its gold mine and mill at Atlanta, Idaho, to a Boise, Idaho, group headed by A. H. Burroughs, jr. The known ore reserves of the property were reported to have been exhausted prior to the suspension of production at the end of June.

Westvaco Chlorine Products Corporation has filed a registration statement with the Securities and Exchange Commission for 192,000 shares of $30 par value 5 percent convertible preferred stock and 211,200 shares of no par value common stock to be reserved for conversion.

Frank R. Jackle, of the firm of George H. Jackle, fertilizer broker, this city is vacationing at Spring Lake, N. J.

Aluminum Company of America has completed plans for the construction of three additions to its plant at Massena, N. Y.

Stanolind Pipe Line Company, subsidiary of the Standard Oil Company of Indiana, will construct a 24-mile line at an estimated cost of $300,000 to connect its western Kansas system with producers in the Bemis pool of Ellis county.

Wellington Oil Company, a California concern, is negotiating for the acquisition of the Santa Clara Oil Company, a Texas concern. The plan is to incorporate a Wellington company in Texas, with a working capital of $500,000.

Lead mine prospecting is one of the more important topics discussed in a new book, "Mining Geology Outlined," by S. Frank Hunt, who established the S. Frank Hunt Foundation at the MacKay School of Mines, University of Nevada, Reno.

Cook Paint & Varnish Company's $4 no-par preferred stock has been given continuance of unlisted trading privileges on the New York Curb Exchange following application by the exchange to the Securities and Exchange Commission.

Paint and varnish importers and dealers in Brazil, Dominican Republic, and Panama are listed in directories prepared by the Bureau of Foreign and Domestic Commerce. Particulars can be had from the chemical division of the bureau in Washington.

Lion Oil Refining Company has purchased the refining plant of the Simms Oil Company, Smackover, Ark., with a capacity of 150,000 barrels a month, all the physical properties of the company and a forty-acre tract on the Missouri-Pacific railroad spur.

Pharmaceutical and biological preparations have been placed under control for quality by the reorganized National Institute of Vaccines and Serotherapy in Peru. The institute is also charged with the duty of making plans for the prompt manufacture of biological preparations.

Botanical Drugs, Gums

European Flower Crops Damaged by Rainy Season—Fair Outlook For Balkan State Production—Spanish Items Show Real Strength—Shortages in Domestic Goods

Price developments were fewer in the market for botanical drugs last week. The market continued to display considerable strength in undertones and values for the most part were firm and well maintained, especially so far as medicinal botanicals were concerned.

Crop news continued to be unfavorable for a normal replacement of stocks. The European flower crop was reported adversely affected by the very rainy season that prevailed during the time of blossoming. While it is still too early to learn the exact situation as concerns the crop prospects on roots, herbs, and leaves, the recent advices have not forecast an exceptional collection of the principal items. Of importance, however, was the definite declaration that the stocks being carried over from the production season of 1935 are comparatively small.

The latest advices have it that German stocks are particularly low, this being in part caused by import restrictions and the difficulty in obtaining adequate reserves. Not so much has been said regarding the situation in the Balkan states from whence come a large part of foreign botanicals consumed in the United States. However, some crops have made an excellent showing and it is hoped that all of them will make a fair reserve when collection has ended.

Numerous domestic items will make a smaller than normal crop unless growing and collection conditions shall show substantial improvement within the next several weeks. Most domestics showed strength.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,695	2,536
Caraway	4,333	14,947
Cardamom (cases)	150	1,662
Celery	95	1,733
Coriander	2,354	8,048
Cumin	419	4,258
Dill	56	231
Fennel	276	934
Mustard	...	11,519
Poppy	...	15,188
Sage leaves (bales)	52	77
Sesame	171	178,594
Thyme herb (bales)	102	662
Totals	9,513	240,409

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, ¼c. per lb.
Caraway seed, ¼c. per lb.
Cassia, Batavia, ¼c. per lb.
Ginger, African, ¼c. per lb.
Cochin lemon, ½c. per lb.
Damiana leaves, 2c. per lb.
Mustard seed, Hungarian yellow, ¼c. per lb.
Nutmegs, West India, 1¾c. per lb.
Poppy seed, Dutch, ¾c. per lb.
Hungarian, ½c. per lb.
Polish, ¼c. per lb.
Pepper, red, Mombassa, ¼c. per lb.
Saffron flowers, Spanish, $1 per lb.

Reduced

Canary seed, Turkish, ¼c. per lb.
Cardamom, bleached, 25c. per lb.
Celery seed, French, ¼c. per lb.
Coriander, Morocco, ½c. per lb.
Cumin seed, Algerian, 1¼c. per lb.
Indian, 1½c. per lb.
Marjoram, French, 1¾c. per lb.
Tunisan, 2c. per lb.
Pimento, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
112.8	**112.8**	**116.0**	**87.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Business was moderate to fair and volume was about even with that done in recent weeks. Prices remained steady throughout the period.

Tolu.—The undertone of the market was somewhat steadier than it had been and on the whole the market seemed to be in fairly satisfactory condition. Stocks were not exceptionally ample, being about equal to probable requirements of buyers in the nearby future.

Barks

Cascara.—Information from the Pacific Coast failed to reveal any change in the general situation. Both sides of the picture concerning probable production this year have been presented and there remains little to be done save to await actual results both as to collection and as to prices. Locally, the market was reported to be in exceptionally firm position and the price tendency was upward.

Elm.—Smaller than normal collection continued to hold primary market prices to a firm position at the level reached during the recent advance. Spot increases in prices also have been maintained. The outlook was for firm and possibly higher prices as the consuming season advances.

Orange Peel.—Further supplies from Europe were jeopardized, as to shipment, by the continuation of civil war in Spain. The market was exceptionally firm in all directions. Demand was fair to good.

Simarubra.—Although no lower in price, this item was still somewhat easy and in a position favorable for buyers with orders to place. Competition was keen in local circles.

Wahoo.—Collection continues poor in the primary market and prices had a strong undertone everywhere as the result of the situation at the source. The tendency was upward. Demand was along lines in keeping with the season.

Beans

St. Ignatius.—Considering the very small demand for this article, the item was in excellent supply at prices said to be steady at all times in the absence of any competition.

Vanilla.—Demand was very good. Seasonal weather has kept consumption of extract at excellent levels and has accounted for a very good absorption of vanilla beans on this market. Prices were firm in local circles, reflecting the continued strength that governed the firm position of goods in the replacement market.

Berries

Cubeb.—Replacement costs became steadier and the decline in spot quotations came to an end when the market became firmer and demand moved up slightly during the past week.

Raspberries.—Production on the Pacific Coast has been less than normal and the result has been sharp advances in replacement costs. Spot quotations were maintained on the basis of the recent rise to 55c. to 60c. per pound. Consumers will find no surplus this year.

Flowers

Arnica.—The market seemed to have become somewhat steadier. At least no further reduction in replacement costs has taken place and hence the spot market has been maintained free from further reduction. Demand was strictly routine.

Chamomile.—Some talk concerning a generally lower average in quality of new crop goods was heard last week and there seemed to be some basis for the reports. Prices have become somewhat steadier of late and they were well maintained last week.

Elder.—Prices were no higher but the market was firm at the recent advance. Offerings from the source were moderate and full prices, as rcently cabled, were asked. Demand was irregular locally.

Mullein.—Prices failed to decline further but the market undertone remained somewhat easy in the presence of considerable competition for the limited amount of business current during the past week.

Rose.—Red flowers held firm at the recent advance and conditions indicated that consumers will face a consuming season in which high prices will prevail. Replacement costs fully justified spot prices, it was said.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
PHYSIOLOGICALLY TESTED CHEMICALLY TESTED
CRUDE DRUGS
When You Want High Testing Botanic Drugs, Come to
THE HOUSE OF HOPKINS
NOW IN STOCK
PHYSIOLOGICALLY OR CHEMICALLY TESTED
SHOWING HIGH ACTIVITY
Aconite Root, Asafoetida Gum, Cinchona Bark, Cannabis American, Digitalis Leaves, Ergot Spanish, Goldenseal Root, Henbane Leaves, Myrrh Gum, Nux Vomica, Sandalwood Chips, Squill Root, Stramonium Leaves, Strophanthus Seed, Valerian Root
and every other crude drug in demand
CRUDE J. L. HOPKINS & CO. DRUGS
220 BROADWAY, NEW YORK

..GOOD NEWS..
PYRETHRUM EXTRACT Guaranteed 2.4% Total Pyrethrins
PYRETHRUM POWDER Guaranteed minimum 9-10 of 1% Pyrethrins
BE SAFE—CONTRACT WITH
MURRAY & NICKELL MFG. COMPANY
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Importers and Millers for Seventy Years

SELL NOW —by getting in touch with the buyers —who read the— OIL, PAINT and DRUG REPORTER

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GUMS
IMPORTERS
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GUM KARAYA
GUM TRAGACANTH
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The Drug Business Is Swinging Higher
Catch hold now, and swing with it. You'll be able to see over the bushes.
Buying is increasing. Get after your share by advertising in the
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PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.
CRUDE BOTANICAL DRUGS From Forty Nations
TRADE MARK

Saffron.—Quotations on Spanish saffron were advanced to $17 to $18 per pound for the very small amount of merchandise obtainable in local circles. Indications were that shipments from Spain would be unlikely for some time to come.

Herbs and Leaves

Buchu.—Although quoted as low as 70c. per pound, reports stated that the figure was totally out of line with what has to be paid for shipment parcels. The range was to 80c. per pound according to seller, a figure more in line with the latest prices received from the source.

Damiana.—The advance to 16c. to 17c. per pound was made good and the very low state of supplies was behind the stronger market situation prevailing in all quarters on the spot.

Lobelia.—The future of supplies has yet to be developed but the information in hand at this time indicates that reserves were low in the primary market. There is still time for the article to make a fair crop if weather conditions should be continuously propitious.

Marjoram.—Prices have eased back considerably, French dropping to the basis of 19¼c. to 19¾c. per pound and the Tunisan material being offered on the basis of 18½c. to 19c. per pound as the result of more competition among local sellers of the material.

Passion Flower.—The undertone continued to be fairly easy in keeping with the somewhat more active competition developed locally in the recent past. Quotations were 6½c. to 7c. per pound.

Gums

Asafetida.—Stocks were moderate to light and held in strong hands. Prices have not been advanced further but the tendency continued to be upward for the most part. Demand was strictly routine.

Arabic.—The firmer foreign market noted during the previous week was fairly well maintained and the local situation was steady for the most part in the absence of much competition. Fair demand was current throughout the period.

Benzoin.—Sumatra gum held firm at 16½c. to 17c. per pound and the market was very steady thereat. Stocks have been held down by recent detentions of arrivals because of the goods not being U.S.P. in quality.

Guaiac.—Prices ranged 75c. to 85c. per pound according to seller, and stocks in most quarters were not more than moderate. The quality of gum arriving on this market has been such as to cause almost continuous rejections of shipments. Demand was routine.

Tragacanth.—Shipment prices were strongly maintained through the means of government control of values and the like at the source. Spot prices were maintained sturdily and sales were very good, considering the time of the year. Stocks were no more than moderate.

Miscellaneous

Colocynth Pulp.—The market held all of its recent advance and, in view of the moderate stocks and current demand, prices seemed likely to be advanced further should request show even reasonable expansion.

Ergot.—The uncertainty concerning collection of this year's Spanish crop continued unabated. Civil war in Spain has shut off from this country practically all definite and reliable information from the source. Press dispatches from Spain did say last week that correspondents passing through some of the agricultural districts noted the farmers at work in their fields. Of course, nothing was said as to what kind of agricultural fields were being tilled. In the meantime, the spot market remained strictly nominal pending further developments abroad. Late in the week, press despatches from Portugal reported political unrest in that country. Portugal is also a producer of ergot.

Kamala.—Fair demand was noted and the market had a steady undertone throughout the past week. Prices held free from quotable change.

Lycopodium. — Quotations ranged $1.55 to $1.65 per pound, according to seller. Information from abroad was that the U.S.S.R. will need practically all of its production this year, and hence the quantity to be allocated for export business was expected to be small in size.

Manna.—Cables from Italy showed that prices for shipment goods were being firmly maintained at the recent advance and reported continued upward tendency in prices. Spot quotations were very firm. Demand was moderate, but steady for fair-sized quantities.

Roots

Dandelion. — Indications were that the foreign source of supply was quoting prices indicative of a not overabundance of stocks. The higher spot quotations noted in the previous trading period were firmly maintained, even though immediate demand was not very active.

Gentian.—Continued uncertainty as to how much root will be forthcoming from Spain kept the market on spot strong on the basis of the recent advances in prices. Somewhat more interest in the article has developed among users disposed at this time to protect their requirements.

Golden Seal.—Prices held strong and unchanged. Stocks will be small for the next consuming year and values seemed destined to be advanced as demand shrinks the supplies available. No truly substantial increase in stocks can be realized short of three years, and such increase will depend on how much new planting has been done this year as result of the higher prices obtainable.

Senega.—Prices continued to be well maintained at the source; new crop has not resulted in any substantial increase in offerings, nor have prices shown their usual decline that comes with the appearance of new collections on the Winnipeg market.

Valerian.—The market was steady on spot. Indications from abroad have yet to suggest that there has been any substantial curtailment of the new crop collection, but dealers on spot were somewhat cautious, especially as prices have been very low for some time past and the limited returns to the growers might easily discourage a normal production of the material.

Seeds

Anise.—Spanish was higher at 11¾c. to 12¼c. per pound and the market showed strength because of the uncertainty of obtaining normal shipments from Spain even though civil war should end soon.

Canary.—Turkish seed was reduced to 7c. to 7½c. per pound but Morocco and Argentina material held unchanged. Demand was routine.

Caraway.—Quotations were advanced to 8½c. to 9c. per pound and indicated that the comparatively small production in Holland will be sufficient to keep values on the stronger side for some time to come. About 9,000 acres were under cultivation this year, comparing with 15,379 acres in 1935 and the ten-year average of 15,123 acres per year.

Cardamom.—Some qualities of bleached material were available at the lower price of $1 per pound. The range was to $1.30 per pound. Green and decorticated material held firm at the top of the recent advances in prices.

Celery.—French seed was off a fraction to the basis of 19½c. to 20c. per pound. India seed held unchanged. The markets at home and abroad were quiet.

Coriander.—Morocco seed eased at the source and declined on spot to the basis of 5¼c. to 5¾c. per pound. Bleached seed held unchanged. Demand was moderate to fair and the market closed steadier than it opened.

Cumin.—Replacements have eased sharply and spot quotations dropped abruptly to the basis of 9¾c. to 10¼c. per pound for Algerian and 9¼c. to 9¾c. for the India material. Morocco seed remained in nominal position.

Mustard.—A substantial portion of domestic requirements will have to be filled through purchases abroad because of the insufficiency of home production as the result of the drought and heat in the producing states. Hungarian yellow was advanced to 8c. to 8½c. per pound, spot. Cultivation in Holland was on a smaller acreage this year. About 1,400 acres were devoted to yellow, and 610 acres to brown seed. These figures compared with 2,450 acres of yellow, and 844 acres of brown cultivated in 1935, and also with ten-year average of 5,364 acres of yellow and 776 acres of brown per year.

Poppy.—Prices advanced. Dutch rose to 6⅝c. to 7c. per pound with Hungarian being quoted at the same figures. Polish seed was up to 6¾c. to 6¾c. per pound. Dutch acreage cultivated this year was 1,099 acres, comparing with 997 acres in 1935, and 7,350 acres as the average annual cultivation for the past ten years.

Spices

Cassia.—Batavia No. 1 was slightly higher at 14¼c. to 14¾c. per pound. China and Saigon cassia was very firm. Demand was steady and in fair volume.

Clove.—Replacement costs showed considerable strength in view of the not satisfactory outlook for new production. Spot quotations were very firm on the basis of the recent advances.

Ginger.—African ginger continued to be advanced and last week the market went to 16c. to 16½c. per pound. Cochin lemon was also higher at 17¾c. to 18¼c. per pound. Jamaica root was strong but unchanged. This item will carry an import duty of 20 percent ad valorem beginning September 5, this being the result of a recent Treasury Decision.

Nutmegs.—West India nutmegs showed full evidence of the well controlled stocks and prices at the source. The spot market rose to 16½c. to 17c. per pound and ended the week in strong position. Demand has also supported the rising trend of values.

Pimento.—Prices continued to decline and on spot they were 14½c. to 15c. per pound when offerings showed some increase and also when it was possible to replace in the primary market.

Quinine from Cinchona Plants

Cinchona cultivation, based on a new idea, is to be tried in the Soviet Union. Instead of growing trees to provide bark, the Soviet plan is to grow cinchona plants as annuals or biennials and extract alkaloids from the entire plant. Soviet scientists say that the young cinchona plants contain about 1.4 percent of quinine alkaloids. Plantings are being made in Sukhum, Transcaucasia, according to information received by the Department of Commerce.

Penick Opens Export Dept.

The house of S. B. Penick & Co., botanical drug merchant, this city, has further expanded its activities by the establishment of an export department. S. Barksdale Penick, jr., vice-president of the company, returned from a six-weeks trip abroad last Monday. Mr. Penick visited the commercial centers of England, France, Germany, Italy and Switzerland.

Continental Can Advances Seven to Vice-Presidencies

The Continental Can Company board of directors, at the regular meeting August 12, designated as executive vice-president: S. J. Steele, vice-president in charge of sales, and J. F. Hartlieb, vice-president. In addition, F. J. O'Brien, formerly general manager of production, was elected vice-president in charge of manufacture; F. Gladden Searle, formerly general sales manager, was elected vice-president in charge of sales; Arthur V. Crary, of the general line sales department, was elected vice-president; J. S. Snelham, formerly controller, was elected vice-president and controller, and M. S. Huffman, a director of the company with headquarters on the Pacific coast, was elected vice-president.

Gasoline Freights Revised

The New York Public Service Commission has approved new commodity freight rates as follows:—

Of the Baltimore & Ohio railroad, on gasoline, petroleum fuel oil and related articles as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Rochester to Niagara Falls on the Erie, Lehigh Valley, or New York Central railroads, 14 cents per hundredweight. New commodity rate. Effective September 1.

Of the Delaware, Lackawanna & Western railroad, on gasoline, petroleum fuel oil and related articles as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Syracuse and Solvay to Utica, 8½ cents per hundredweight. Reduction 1 cent. Effective September 1.

Of the Erie railroad on gasoline, petroleum fuel oil and related articles as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Rochester to Niagara Falls and Suspension Bridge, 14 cents; from Wellsville to Depew on the Lehigh Valley railroad, 15 cents per hundredweight; from Wellsville to Depew on the Lehigh Valley railroad, 15 cents per hundredweight. Reduction from class rates.

Of the New York Central (East) and West Shore railroads on gasoline, petroleum fuel oil and related articles as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Rochester stations to Churchville, 5½ cents per hundredweight, reduction 2 cents; to Honeoye Falls, 6½ cents per hundredweight, reduction 1 cent; to Akron, 9½ cents per hundredweight, reduction 2½ cents; from Utica to Ilion, 4½ cents per hundredweight, new commodity rate. Effective August 30.

Of the Baltimore & Ohio railroad, on gasoline, and petroleum fuel oil, as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Wellsville to various points on the Delaware, Lackawanna & Western, Lehigh Valley and New York Central railroads. Numerous changes effecting reductions. Effective September 9.

Of the Lehigh Valley railroad, on gasoline and petroleum fuel oil, as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Rochester to Niagara Falls, 14c. per hundredweight. New commodity rate. Effective September 9.

Of the New York Central (East) railroad, on gasoline and petroleum fuel oil, as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Fairport to Rochester stations, 4½c. per hundredweight. New commodity rate. Effective September 7.

Of the Pittsburg, Shawmut & Northern railroad, on gasoline and petroleum fuel oil, as specified in the tariff, in tankcars, estimated weight 6.6 pounds per gallon, minimum weight as per rule 35 of the official classification, from Olean to Elmira on the Erie or Lehigh Valley railroads, 15c. per hundredweight. New commodity rate. Effective September 7.

Road Oil Sales Down in '35

Sales of road oil by petroleum refineries in the United States in 1935 decreased to 7,164,732 barrels, from sales of 7,702,753 barrels in the previous year, according to a statistical report of the United States Bureau of Mines. The bureau states that if the sales of road oil are taken in connection with sales of cut-back asphalts, paving flux, and emulsified asphalts, a slight gain was registered in the total sales of liquid and semi-liquid asphalts for highway construction, from 12,702,692 barrels in 1934 to 12,747,069 barrels in 1935. The decrease in sales of road oil and the increase in sales of cut-back asphalts, the bureau states, may represent either changes in specifications or changes in demand for definite products. Of the road oil sold in the United States last year, only 813,308 barrels, valued at $572,150 were made from foreign petroleum, imported from Venezuela and Mexico. Petroleum refineries in the United States reported the production of 6,030,491 barrels of road oil last year compared with 6,210,390 barrels in 1934. The average value of road oil sold by petroleum refineries in the United States declined from $1.39 a barrel in 1934 to $1.25 a barrel in 1935.

Drug price-control has been established by presidential decree in Peru. Prices are fixed by governmental agencies. The purpose appears to be to prevent overcharging, rather than price-cutting. The system comprises also examination and licensing of drugs and censorship of drug advertising.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Essential Oils, Aromatic Chemicals

Further Rise in Spanish Oils Emphasizes Uncertainty of Future Purchases Abroad — Domestic Oils Show Continued Strength—Citrous Oils Firm in All Markets

Spanish essential oils occupied the most prominent position in the market during the past week. The civil war in Spain continued to make highly uncertain the future supplies of these materials and hence their price position on the spot was one of continuous strength. Almond, spike lavender, origanum, and pennyroyal were all higher in price and the positions of rosemary, thyme, geranium, and orange were strong, even though no further advance in quotations developed. The entire tendency of local dealers was to conserve their present holdings. To that end, they were restricting the quantities they would sell and, for the most part, were disposed to confine their transactions to regular customers. It could be said with much truth that the market on these materials was nominal.

Domestic essential oils also showed considerable strength last week. Production of peppermint, spearmint, pennyroyal, tansy, and erigeron was most uncertain. Crop conditions were bad during the growing season. Last week, considerable speculation on the average yield per acre, and on the quality of oil produced, was noted. The price tendency in all of them was upward.

Citrous oils remained very firm on spot and in the numerous primary markets. Prices held unchanged, but were totally lacking in signs of unsettlement. Demand was very good. French flower oils were firm in price, this reflecting the not encouraging outlook on new production.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, true, 3c. per lb.
Anise, 1c. per lb.
Coriander, 25c. per lb.
Lavender, Spanish spike, 5c. per lb.
Origanum, 10c. per lb.
Pennyroyal, domestic, 10c. per lb.
imported, 5c. per lb.
Pimento, berry, 10c. per lb.
leaf, 20c. per lb.
Spearmint, 10c. per lb.

Reduced

Cinnamon, Seychelle, $1 per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
76.8	76.5	75.7	71.6

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Prices on sweet, true almond oil were higher at 65c. to 68c. per pound and most quarters were minimum at 67c. In point of fact, because of the impossibility of securing firm offerings of oil from France, where the oil is made from Spanish almonds, the market to a very substantial degree was nominal.

Angelica.—A fair request prevailed for this article and it came principally from the makers of cordials. The foreign markets were firm in every sense as production was not expected to be exceptional in size this year.

Anise.—Spot quotations were slightly to the basis of 53c. to 55c. per pound, according to seller and quantity. The replacement market was said to justify fully a spot price of 55c. per pound. Demand was routine.

Bergamot.—Stocks were moderate to fair. Replacement prices were firm at the controlled price of the Italian Consortium. Spot quotations were very firm. Demand was routine, but up to the volume usual for this item at this time of the year.

Calamus.—The market was not very active and for the most part it was favorable for buyers with firm orders to place. Inquiry was mainly for jobbing quantities, and there was not a great deal of that sort of interest current during the past week.

Camphor.—Request was somewhat irregular last week, varying rather widely from day to day. The market requirements of buyers were readily supplied out of ample spot supplies and at prices always favorable to the manufacturing consumer because of local competition.

Cananga.—Replacement costs were very firm, and in view of the very good call for deliveries out of spot supplies, local quotations were in a similar position throughout the past week.

Caraway.—The production of raw material in the primary market has been restricted to a much smaller than normal acreage. This year, 9,000 acres were cultivated, while in 1935 14,379 acres of land were in production. The annual average for the past ten years was 15,123 acres. This reduction in production of raw material has yet to affect the import cost of oil to any considerable extent.

Cassia.—The spot market seemed to be slightly more competitive than it had been reecntly and while open quotations lacked change, they tended to move in favor of the manufacturing consumer. Replacement costs have been usually favorable during the period reviewed.

Cedarleaf.—Stocks continued to be small and will be less than normal until new production returns normal reserves to both the spot and primary markets. Demand has not pressed much of late so far as this market is concerned.

Cinnamon.—Some qualities of Seychelle oil were lower in price at $7 per pound. Others ranged to $10 as to seller. Ceylon oil was very steady and prices were well held. Demand was steady for normal quantities.

Citronella.—Somewhat better local demand prevailed. Orders reaching some dealers showed increase in number and volume. Prices seemed steadier but they failed to rise from recently prevailing levels.

Clove.—Crop prospects for raw material were said to be not very favorable and hence the price position of that item continued to show all of the strength recently prevailing. Oil was very firm, reflecting the raw material situation as well as the very good movement of the material.

Coriander.—All sellers were reserved because of stocks being so small. Practically nothing was forthcoming from European centers, the USSR being especially noted for its failure to make normal shipment proposals. All spot prices were nominal at the higher level of $7 to $7.25 per pound.

Dill.—The season of active consumption of this article is directly ahead and there has been a noticeable pickup in inquiries, and to orders, to some extent. The market seemed to be steadier as to price.

Eucalyptus.—Stocks were conservative and sellers were reserved in accepting new business. Much of the oil in hand will be needed to apply against the existing obligations of dealers. Arrivals will have to be substantial if Winter needs are to be met fully.

Geranium.—Reports of somewhat easier prices in the primary market have been noted but so far any such change in replacement costs has been insufficient to affect spot asking prices on this item. The spot values have held steady, principally for the reason that there is no surplus of supplies.

Lavender.—Spike lavender was higher at $1.20 to $1.25 per pound in drums, and $1.30 to $1.35 per pound in cans. This reflected sellers' inability to gain assurance that adequate shipments will be forthcoming from Spain where civil war has stopped all export of the material. No firm offerings of new crop flower oil have been made but the outlook was for limited production of that material in France.

Lemon.—Italian offerings were said

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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to be few and quantities were reported to be smaller than normal. Prices were always firm to strong. Spot quotations were well maintained and were supported by a very good consuming demand. Offerings of domestic oil were on a restricted basis.

Lemongrass.—Fair-sized trading was reported locally but in the main the market continued to show the effect of low replacement cost and ample reserves on spot.

Orange.—Foreign markets held very firm, and that on spot was certainly free from any unsettlement. Local values were well maintained and were free from any tendency toward shading so far as oil of equal quality was concerned. Demand was said to be very good and along seasonal lines

Origanum.—Genuine oil from Spain was higher at the nominal figure of 80c. per pound for ordinary material, and at $1.35 for an extra fine article. The market was nominal because it is highly uncertain that any replacements will be obtained from the primary market for some time to come. Production is expected to be reduced by the civil war.

Pennyroyal.—Domestic oil was higher at $1.75 to $2 per pound and the article imported from Spain was advanced to $1.40 to $1.45 per pound. Size of the domestic production is in doubt and any early resumption of shipments from Spain is unlikely because of civil war in that country.

Peppermint.—The market was very firm. Country prices were strongly maintained and offerings were subnormal in volume so far as proposals of business with this market was concerned. Some shipment prices were higher, Production seemed almost certain to be less than that a year ago, and there is also a considerable doubt as to the average of quality. Quality last year was considerably below normal.

Pimento.—Prices were higher at $2.30 to $2.35 per pound for berry oil, and $1.25 to $1.30 for the leaf oil. Production costs have risen in company with the raw material situation.

Rosemary.—Although no higher in price, this item was in a virtually nominal position for the reason that sellers were disposed to restrict sales to their individual customers and to refuse to ship more than limited quantities to any buyer. The situation has been caused by civil war in Spain and no one knows when shipments will be resumed from that country, nor is it certain that normal reserves will be available.

Spearmint. — Quotations were up slightly to $2 to $2.05 per pound as a general rule and, based on present outlook for new crop goods, further rise in values would be not unlikely. Production is not expected to reach normal size.

Thyme.—Prices were strong and, to a substantial extent, they were nominal; no seller would make firm prices for other than prompt acceptance and in every case they were restricting the quantity of oil they would sell in any specific instance. Until civil war ends in Spain and definite information regarding prices and supplies is forthcoming, this nominal situation is expected to continue.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Aromatic Chemicals

Amyl Formate.—Interest was somewhat irregular and most orders were comparatively small in size. However, because of the production cost of the article, the market continued to remain very steady.

Amyl Propionate.—Fairly good request was current for the material and a market of steady undertones was the general rule. Inquiry was about normal. Stocks were sufficient for reasonable demand.

Anisyl Acetate.—Some interest in this article for import was disclosed but it could not be learned that business was actually done. The foreign market was declared to be very steady.

Benzylidine Acetone.—This item, suggestive of the sweet pea, had a fair market at steady prices and the undertone on spot remained firm throughout the past week.

Butylphenyl Acetate.—Jobbing business was said to have been very fair for the most part and a market of steady price and general position was reported last week. Stocks were said to be ample.

Carvol.—Very good request was current. The cost of production has been well maintained and that has caused full maintenance of spot quotations for some time past. No signs of an early change were disclosed.

Citral.—Very good call was current, although it came on a market subject to substantial competition and hence prices failed to undergo any improvement. Stocks seemed to be plentiful.

Diphenyl Oxide.—Demand was somewhat slower than it had been at times recently. Buyers seemed to have covered their requirements and hence trading was along more conservative lines and in reduced volume. Prices held unchanged.

Eugenol.—Raw material was firmer and somewhat stronger because of the less satisfactory outlook for raw material. Hence, eugenol was firmer in price. Demand was routine but normal.

Methyl Anthranilate.—Well stabilized prices prevailed for this article and that condition was in keeping with the very good and entirely consumption of the material. Undertones were steady.

Methyl Heptine Carbonate.—Not much call came on the market but buyers found sellers firm in their views, a condition that was in keeping with dealers' replacement costs, as well as being in line with the absence of more than moderate reserves in local circles.

Nitrobenzene.—The article used by the perfuming trade was in steady price position as well as being subject to a very good sized demand for prompt shipment material.

Phenylethyl Acetate.—Request was fairly active on the spot and a substantial volume of business was on the basis of prices that were entirely lacking in unsettlement. Competition was negligible.

Safrol.—Competition was fairly active and although open quotations lacked change, they were said to be subject to shading from time to time. Supplies seemed to be ample in all quarters.

Terpineol.—A fair consumption was reported but on the whole individual requirements of buyers were not more than conservative in size. Prices ruled steadily in all quarters last week.

M.M.&R.'s Pacific Coast Agent

Magnus, Mabee & Reynard, this city, has appointed the G. B. Dean organization, San Francisco and Los Angeles, as its exclusive distributor on the Pacific Coast. Complete stocks of M. M. & R. specialties, essential oils, refined balsams, and the like, will be carried for the consuming trades. P. C. Magnus, president of the M. M. & R., is now on an extended tour through the Middle West addressing drug groups.

Trade News Briefs

United Color & Pigment Company, Newark, is constructing a new warehouse building adjacent to the company's plant.

Mefford Chemical Company, Los Angeles, has become the sole distributor for the Deepwater Chemical Company, Los Angeles, producers of iodine and potassium iodide from brine recovered in the separation of waste salt water from crude oil wells in the Dominguez oil fields in Southern California.

George C. Massabni, botanical drug exporter, Alexandria, Egypt, arrived here last week for consultation with his New York representative, William E. Martin, and to visit the botanical importing and consuming trade in this country. While here he will make Mr. Martin's offices at 87 Maiden Lane his headquarters.

Mansul Chemical Company, Jacksonville, Fla., has filed a statement with the Securities and Exchange Commission covering 50,000 shares of $4 par value class A common capital stock, to be offered at par. The proceeds are to be used for the purchase of land and buildings, machinery and equipment, and for working capital.

Ammonia sulphate antidumping act suit of the Monahan Chemical Company, which has been in the customs courts for more than four years, was dismissed July 15. Pursuant to a mandate of the Third Division United States Customs Court, Judge Brown dismissed the appeals in the case without finding value or taking evidence.

Fertilizer control, covering production, importation and sale will be exercised by the Estonian government under the provisions of a recently enacted law. Assurance of quality of products is the prime purpose of this move. Estonia imports about 90 percent of its fertilizer requirements, but has bought but very little from the United States.

George F. Smith, vice-president of Philipp Brothers Incorporated, manufacturers' representative for heavy chemicals and metals, 70 Pine street, this city, sailed August 15 for an extensive European vacation. Mr. Smith, who will return October 1, was a guest of honor at a dinner given by his friends and business associates at the Downtown A. C., August 12.

W. H. Barber Company, Minneapolis, Minn., has filed a registration statement with the Securities and Exchange Commission covering 61,960 shares of $1 par value common stock of which 10,000 shares are to be offered by the company, 24,160 are to be offered by stockholders and the remaining shares are to be reserved for issuance to officers and employees.

Imperial Oil & Gas Products Company, manufacturer of carbon gas blacks, Pittsburgh, reports the opening of a new research laboratory which will contain the most modern equipment for the manufacture and evaluation of paint, lacquer and enamel finishes, and be at the disposal of the company customers. W. H. Pesola, formerly of the Vita-Var Corporation, Newark, N. J., will be in charge of the laboratory.

Dr. Wilhelm Krumbhaar, of Beck, Koller & Co., while in Europe this Summer, visited the trade in England, Ireland, Scotland, Austria, France, and Switzerland. He spoke before the following organizations: — Birmingham Paint, Varnish and Lacquer Club, Birmingham; Paint Industries Club, in conjunction with the Oil & Color Chemists's Association, London, and the Scottish Section, Oil and Color Chemists's Association, Glasgow

Petroleum Solvents, Lubricants, Fuels

Petroleum Thinner Prices in Tankwagons Revised in Syracuse —Industrial Oils Quiet — Daily Crude Output Tops 3,000,000 Barrels Again

Revised prices for petroleum thinners in tankwagon and drum lots at Syracuse, N. Y., furnished the lone change in the structure of prices for petroleum solvents and naphthas. Marketers quotations at other Eastern and mid-Western cities were unchanged. Refinery quotations in the Midcontinent district and also in the Eastern coastal area were steady at unchanged levels. The Far Western market was also steady. The movement of these products into consumption holds up fairly well except for those solvents used by the manufacturers of surface finishes. The paint, varnish and lacquer manufacturers show the usual slow operations of the Summer months.

Light hydrocarbon fractions are routine and other petroleum products used as industrial raw materials do not offer much for comment at this time. Waxes are unusually slow.

The Midcontinent gasoline market is not receiving much attention from the buyers at this time and while the market does not appear to be weak, it does not seem to possess the strength of a few weeks ago. The condition is a peculiar one for this time of year as there are several weeks of the heavy motoring season left.

The Bureau of Mines recommends a daily average production of crude oil in September of 2,864,000 barrels or 72,900 barrels below the August recommendation and 251,000 barrels or 10 percent over the recommendation for last September. During the last four weeks for which complete data are available (up to August 1), the production of crude was about 3,010,000 barrels daily. Stocks of domestic crude declined at about 134,000 barrels daily, indicating a total demand of 3,144,000 barrels. The Bureau's estimate of total demand for the same period was about 3,030,000 barrels, or a "shortage" of 114,000 barrels. The domestic motor-fuel demand for September is estimated at 42,910,000 barrels, a daily average of 1,430,300 barrels.

The daily average production for crude oil in the United States for the week ended August 15 was 3,070,400 barrels, an increase of 106,600 barrels over the preceding week's average of 2,963,800 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended August 15 was 2,985,800 barrels and the average at this time a year ago was 2,708,650 barrels. Crude oil runs to stills were reported at 2,726,000 barrels for 78.2 percent of operation, and according to the A. P. I., 199,000 barrels additional were run for a total of 2,925,000 barrels against 2,870,000 barrels in the preceding week.

Solvents and Diluents

Stoddard solvent and rubber solvents are still favored with a fairly good rate of activity but petroleum thinner and v. m. & p. naphthas reflect the usual August dullness of the paint manufacturing industry. Improved takings by the paint, varnish and lacquer manufacturers may be expected in the early part of next month. The lull of the Summer period has not caused any weakness in the market and refiners at Midcontinent and East Coast points hold quotations at the levels that have been in force for some time. The tankwagon and drum prices at leading distributing points were unchanged except for a revision in the price of petroleum thinner in Syracuse.

Cleaners' Naphthas.—The market is mildly active and movements of tankcar lots out of the Midcontinent refineries are mainly against contract. The price continues at 7⅜c. to 7½c. per gallon basis Group 3.

Hydrogenated Naphthas.—The suppliers do not look for much of a change from the present rate of demand until next month. Prices for all grades hold steady and unchanged.

Petroleum Thinners.—Tankwagon and drum prices were revised at Syracuse, effective August 14. The price is now 15c. per gallon with a 2c. per gallon discount to large accounts. The price was formerly 14c. per gallon flat. Refinery prices at the Midcontinent and East Coast refineries were unchanged.

Rubber Solvents.—Although the demands are running a little behind last month, there is a fairly active movement of tankcars into the Akron district. Prices continue steady and unchanged for both light and heavy grades of solvent.

Stoddard Solvent.—Conditions surrounding the market for this commodity have not changed since last reported. There is a moderately active rate of withdrawals against contract. Prices at refineries and also in the tankwagon market continue unchanged.

V. M. & P. Naphthas.—Tankwagon prices at leading Eastern and mid-Western cities hold without change. The refinery market is also steady although the demands of the paint manufacturing industry are light and will probably continue so over the remainder of the month.

Markets at Other Centers

Chicago, Aug. 20.—Late summer period finds the petroleum solvents and diluents fairly active, while the tone of the market is mostly firm and steady, although largely quiet, and without any distinctive feature. Inquiries come in fairly well from the various consuming lines. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma): —Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16c., tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Aug. 20.—Cleaners naphthas continue in good movement although the paint naphthas and the v.m.&p. are seasonally less in demand. Prices in all grades, however, continue to remain at the levels quoted over the past few weeks from 6⅞c. to 7⅜c. per gallon with no concessions despite a slightly lower movement.

Lighter Fractions

The lighter petroleum hydrocarbons continue in routine style and there is little week to week change in the market. Prices named by the producers in the Midcontinent area continue at the schedules which have been in force all year. The demands from industrial consumers are quite routine.

Butanes.—The market holds to a characteristic position of steadiness and prices for the 16-34 degree product testing up to N. G. A. specifications continue at 2¼c. to 3¾c. per gallon, for tankcar quantities, basis Group 3.

Heptanes.—Schedule prices were still in force as the demands of the market continued in routine fashion. Neither the normal nor the mixed produce has shown a change in price through this year.

Octanes.—This mixture holds a steady position in company with other light petroleum hydrocarbons. Tankcar quotations continue at 8c. per gallon, basis Group 3.

Petrolatums and Waxes

White Mineral Oils.—As reported previously there are occasional reports of competitive selling. As usual during the Summer months, the movement of oil into consumption is light and the competitive prices that are occasionally reported result from desires to move goods in the slow market that exists.

Paraffin Waxes.—The market continues very quiet. Scale wax is unusually dull this month. There are very few inquiries for either export or domestic accounts and the quoted prices of 2.35c. per pound for 122-124 A.m.p. and 2.40c. per pound for 124-126 melting point are hardly more than nominal. A strengthening condition was reported from the Midcontinent last week. Fully refined waxes hold steady at the established price schedule with a light movement reported.

CHICAGO, Aug. 20.—Although some easiness is reported in crude scale wax, the refined grades have shown no special weakness. For the most part they are reflecting a good tone and business is going forward in fairly favorable volume, with some inquiries. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Aug. 20.—There is strength gathering in the scale wax market as there is practically no material at current prices for August delivery. There are more inquiries in the market and some brokers who have been inactive in the Oklahoma market for months are inquiring for supplies. There were small lots of the 124-26 grade sold this week at 2½c. per pound, an increase of 1⅛c. from the average trading prices of the last two weeks. Quotations for September the nearest delivery period are being made at 2½c. per pound.

Petrolatum.—Conditions surrounding the market were not changed from those of a week ago. Tankcar demands are fairly frequent and the prices for amber and white grades do not show any change.

Fuels and Lubricants

Rumored offerings of gasoline below the posted levels at the refinery points and a boost in the price of C grade bunker oil at the local terminals featured the Eastern refined oil market last week. Leading gasoline refiners continue to post the prices that have been in force for some time and other than the aforementioned rumor, the market appeared to be steady on the surface at least. The bunker oil rise was prefaced by rumors of an impending advance and marks the first change in bunker oil for some time. Kerosene continues to drag along in the usual Summer fashion. Export prices for gasoline and kerosene were unchanged.

Tankwagon Price Changes

RICHMOND, Va.—Dealer and service station gasoline prices were reduced 0.2c. per gallon, August 17, at Richmond and Petersburg by the Standard Oil Company of New Jersey. The prices at Danville were lowered 0.3c. per gallon. Current quotations at service stations are now 20.7c. per gallon at Danville; 19.8c. at Petersburg; and 19.8c. at Richmond.

Market Conditions

Gasoline.—Although the surface position of the local tankcar market appeared undisturbed there were reports of the availability of 6½c. gasoline toward the end of the week. Leading sellers continue to quote tankcars at 6¾c. per gallon for U. S. motor, 62-63 octane. Other grades are posted at 7c. per gallon for U. S. motor, 65 octane and 7.55c. per gallon for branded qualities. All quotations are f.o.b. refinery. The week's jobbing demands were fair-sized and apparently sufficient to give the prices a good measure of support. The retail markets were spotted with weakness in points adjacent to the Metropolitan area of New York but the general retail structure was steady. The export market at the U. S. Golf continued unchanged at 5¼c. per gallon for U. S. motor, 5⅜c. for 60-62, 400 e.p.; 5⅜c. to 5½c. per gallon for 60-62, 390 e.p.; and 5½c. per gallon for 64-66, 375 e.p.

Kerosene.—The market's position is not materially different from a week ago. Quotations for 41-43 water white material continue at the 4⅞c. per gallon levels that has been standing throughout the Summer. There is material available below that figure, however, and 4⅝c. per gallon in reported workable in spots. The export market continues unchanged at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel & Gas Oils.—Prices for C grade

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refinery points was unchanged. Service station gasoline prices were reduced at Richmond and other Virginia points.

	Aug. 21	Aug. 14	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.122
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.054375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1941	.1941	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Outputs and Quotas

A comparison of suggested crude oil production for August as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended August 15, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	575,500	601,450
Kansas	166,300	170,350
Texas	1,154,700	1,163,050
Louisiana	188,500	252,350
Arkansas	31,200	29,200
Eastern (not including Michigan)	110,800	112,250
Michigan	32,400	31,600
Wyoming	38,000	38,850
Montana	13,900	16,500
Colorado	4,700	5,000
New Mexico	70,100	78,200
California	550,000	591,600
Totals	2,936,900	3,070,400

bunker oil advanced 5c. per barrel at local terminal points on Monday of last week. The new price here is $1.10 per barrel. The rise had been prefaced by rumors of an advance. There was no change in the position of Diesel oil which remains at $1.65 per barrel.

Lubricating Oils.—Pennsylvania bright stock was weaker last week. Quotations for regular pour grade were generally 25c. per gallon including tax. This is ½c. per gallon cheaper than the prices formerly posted. Cylinder oils and neutrals held their former positions under fair demands.

Markets at Other Centers

Tulsa, Aug. 21.—Although there are still several weeks remaining of high consumption of motor fuel, buyers appear more concerned with natural gasoline, paraffin and distillates for future delivery. The gasoline market is losing in interest although not in supply which appears large.

The lack of rain is preventing the normal increase in consumption which generally materializes during the last two weeks of August with the culmination of peak consumption in the first week of September. Continuation of excessive temperatures is causing some refiners to press their gasoline on the markets this week. As a result there is an easiness developing in prices.

The tone and course of natural gasoline is furnishing the one exception to the gasoline trend. The trading is very insistent although the volume for current shipments has declined as all of the current production has already been absorbed and manufacturers are dipping into inventories to supply the demand. There is a pause in the upward march in prices this week.

REFINERY GASOLINE.—The U. S. motor grade is generally quoted at resale at 4⅜c. to 4½c. and 4¾c. in the trade. The octane grades are 4¾c. resale and 5c. for octanes of approximately 65 count, and 5½c. to 5¾c. resale for 68-70 octane. The trade prices continue at 6c. per gallon.

NATURAL GASOLINES.—The 26-70 remains at 4c. in Oklahoma and 3¾c. in Texas with a limited supply while the 18 pound grade the next in the volume of trading is quoted at 4.80c. per gallon in Oklahoma and 4½c. in Texas.

KEROSENE.—The trading is negligible but prices again hold at the recent low level. Refiners are disinclined to make further concessions. For resale the market on the 41-43 grade is 3c. while in the trade it is generally quoted 3¼c. The 42-44 grade is generally 3½c. per gallon in the trade.

DISTILLATES.—No further concessions are being granted on the No. 1, a 38-40 prime white grade, which continues at 2⅞c. resale and 3c. to 3⅛c. in the trade. The lower gravities and with color are scarce and trading is also at a minimum. Refiners are anxious to build up their inventories in the lowest grades. The gas oil product is 2¾c. a gallon resale while the straw and dark colored are quoted at 2⅝c. resale. The trade prices range from 2¾c. to 3c. for small lots. The numbers 2, 3, 4 and 5 are in demand for storage.

FUEL OIL.—The demand is quiet while the industrial grades are still the feature of the market. There is no change in prices with most of the trading being done in the low grade fuels of 5 to 11 degrees in gravities ranging from 45c. to 70c. per barrel. The 24-28 grades range from 95c. to $1.05.

Chicago, Aug. 20.—With the end of the peak part of the consuming season approaching, some little irregularity is creeping into the tankcar gasoline market, although prices are holding fairly well for the most part. Consumption is still high and the flow of material to jobbers on contract seems to be holding its own. Most members of the trade believe shipments will continue active up to and perhaps even after Labor Day. The kerosene market is weak and is attracting few buyers. Likewise the high grade heating oils are in a slump, but most refiners do not wish to sell, even so. Heavy industrial fuel oils have been holding strong and are not plentiful. Lubricants are hardly so strong as recently.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5¼c. to 5½c.; high octane motor, 5⅞c. to 6⅛c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 4⅞c. to 5c.; 8-70, 360, 5c. to 5½c.

KEROSENE.—42-44, water white, 3⅜c. to 3⅝c. per gallon; 41-43, water white, 3c. to 3¼c.

FURNACE OILS.—No. 1 white, 2⅞c. to 3⅛c. per gallon; No. 1 straw, 2⅞c. to 3c.; No. 2 straw, 2¾c. to 2⅞c.; No. 2, dark, 2⅝c. to 2¾c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3, low cold test, 2⅝c. to 2¾c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 65c.

New Orleans, Aug. 18.—A firm tone continued to be evidenced in the domestic market, with quotations of the previous week remaining unchanged. Foreign inquiries and exports continued good. Average quotations were as follows: U. S. motor gasoline, 6¼c. per gallon at refinery; U. S. motor below 62 octane, was quoted at 6¼c. 63-67 octane at 6¾c. and 68-70 octane at 7¼c.—all at refinery.

The average kerosene quotations was 5¾c. per gallon at refinery.

Bunker C fuel oil demand was good at an average price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants in this vicinity were quoted at $1.36 per barrel, delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936	1935
Commercial crude oil production	Jan. 1-Aug. 22 679,474,000	Jan. 1-Aug. 22 606,431,000
	Week ended Aug. 22, 1936	Week ended Aug. 24, 1935
Daily average production	3,058,400	2,716,200
	Week ended Aug. 15, 1936	Week ended Aug. 8, 1936
Estimated motor fuel stock total	61,953,000	*62,020,000
Estimated finished motor fuel stocks in refineries	35,379,000	34,771,000

* Revised

Gasoline Tax on Use as Solvents Upheld in Miss.

JACKSON, Aug. 17, 1936.

The question of whether gasoline used as a solvent by industrial concerns is subject to the Mississippi State excise tax of 6 cents a gallon was raised in the case of the Dixie Pine Products Company, naval stores manufacturer, Hattiesburg, heard in chancery court here, August 14. The court refused to grant the company an injunction restraining collection of the tax. The company announced an appeal, contending that the tax should apply only to gasoline used for motor vehicle purposes.

The State so far has not collected the tax on gasoline used industrially.

S. O. Subsidiary's Sumatra Grant

WASHINGTON, Aug. 20, 1936.

Additional details on the oil exploration concession granted the Netherlands Pacific Petroleum Company, subsidiary of the Standard Oil Company of California, by the government of the Netherlands Indies are contained in a report received by the Department of Commerce. The concession of 600,000 hectares lies in central eastern Sumutra, and according to the report is situated between two great producing fields. Company officials feel that the land is fairly promising, the report states, although it does not provide external indications of the presence of oil, such as seepage. The fact that the concession does not reach into the mountains and that it lies away from the swampy coastal regions should make the cost of exploration comparatively small.

Messer Oil Corporation has purchased 27 producing wells in Alma township near Bolivar, N. Y., from the A. H. McKee estate.

Customs Bureau Issues Oil Import Tax Rules

(Continued from page 3)

the products above mentioned. If the facts for the assessment of duty can not be determined from an examination of the imported article or from other available sources, the maximum tax likely to be due shall be collected and the liquidation of the entry suspended for a reasonable time to enable the importer to furnish the necessary information. If a claim shall be filed in connection with the entry that, in view of section 703 of the revenue act of 1936, an article or part thereof is not taxable under section 601 (c) (8), as amended, because such article or part thereof was derived directly or indirectly from a waste not named in section 601 (c) (8), as amended, the appraising officer shall submit such additional report as will assist the collector in ascertaining the validity of the claim, and the collector may require such additional evidence, in the form of affidavits or otherwise, as may be necessary and suitable to determine the facts on which the claim is based.

Glycerin and Stearin Pitch

(7) The liquidation of entries covering glycerin or stearin pitch entered for consumption or withdrawn from warehouse for consumption on or after September 30, 1935, shall be suspended until August 21, 1936, and thereafter shall be liquidated without the assessment of the import tax under section 402 of the revenue act of 1935. In the case of such entries which have been liquidated, action should be withheld until August 21, 1936, and reliquidation thereafter with appropriate refund is hereby authorized, whether or not a protest was filed against the liquidation of the entry.

(8) T. D. 47448 and T. D. 47863 are superseded with respect to articles entered for consumption or withdrawn from warehouse for consumption on or after August 21, 1936.

Trade News Briefs

Union Oil Company of California will construct two to four new tankers in the next twelve months, according to advices from Los Angeles.

Phillips Petroleum Company has filed a registration statement with the Securities and Exchange Commission covering 296,631 shares of capital stock to be offered to present stockholders in the ratio of one share for each 14 held as of September 4, with warrants expiring October 5.

American Liberty Pipe Line Company has purchased the Bennett Pipe Line Company's gathering system in the East Texas field for a reported consideration of $100,000. This acquisition gives the company 85 additional connections with wells in the producing area, with a total daily allowable of approximately 2,000 barrels.

Preferred Oil Company, through its subsidiary, the Preferred Terminal, has purchased the entire waterfront plot bounded by Paidge avenue, Brant and Setauket streets, and Newtown creek, Brooklyn, N. Y., formerly occupied by the Turner-Glickstein Company as a bottle warehouse. It will erect a bulk terminal on the property.

Eastern Tar Products Corporation, Baltimore, which earlier in the year began operation of a plant for the utilization of oil tar residue in the production of a material for highway surfacing, is erecting three new metal tar storage tanks of a capacity of 300,000 gallons. This will bring the storage facilities for tar up to 2,000,000 gallons.

Wellington Oil Company, Ltd., stockholders have been called for a meeting September 1 to vote on a plan for merging with the Santa Clara Oil Company of Texas. It is proposed to form a new company to be known as the Wellington Oil Company with a capitalization of 850,000 shares of $1 par common stock, all of which is to be outstanding.

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Fertilizer Materials

Organic Ammonia Prices Move Further Upward—Scarcity Likely To Maintain High Prices for Some Time—Organics Average 70c. Per Unit Higher Than a Year Ago

Organic ammoniate prices continued further upward last week. All organics are scarce and the trade is uniform in its opinion that high prices are likely to remain for some time to come. The possibility of a good supply of fish products to relieve the shortage, seems more remote now and the fertilizer producers who resold their stocks of organics to the feeders with a view of replacing them with materials unsuitable for feed, will lose a good portion of their resale profits. Packing-house by-products are moving onto their best levels of the past few years. Fish products took the leading role in the market's performance last week. Japanese sardine meal was higher and so was menhaden meal at Baltimore. Western buyers of California sardine meal are paying fancy prices for futures and there is little likelihood that this article will be offered for sale in the East this season.

The average price of organic ammonia is now almost seventy cents per unit higher than it was a year ago, albeit some materials are more than a dollar higher. A comparison of some organic prices with those of a year ago is as follows:—

	1935.	1936.
Blood, Chicago	$2.60	$3.75
imported	2.80	3.50
Fish, unground	2.30	3.00
Baltimore meal	3.27	4.18
Japan meal	2.74	3.56
Castor pomace	3.00	3.10
Nitrogenous, western	2.00	2.35
eastern	2.25	2.75
import	2.35	2.75
Tankage, Chicago	2.65	3.50

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., N. Y., 25c. per unit.
import, 12½c. per unit.
Bone, raw, 4½ & 50, dom., East Coast, 50c. per ton.
meal, 3 & 50, import, 50c. per ton.
Castor pomace, dom., 50c. per ton.
Fish meal, dom., Balto., $1 per ton.
Japanese sardine, $1 per ton.
Hoof meal, 5c. per ton.
Nitrogenous material, import, 35c. per unit.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Sellers continue to quote for August only, but the prices for delivery beyond the end of this month may be expected momentarily. There are no indications as to how far ahead the sellers will offer or as to what the price schedule will be.

Sulphate of Ammonia.—The purchases made this month are reported to have aggregated a nice tonnage, and it is further said that some mills will be able to clean their floors by the end of the month. September bookings are also reported to be quite good. The termination of this month will effect an advance of 50c. per ton in the schedule as prices for September-November delivery are 50c. higher than those for August. The December-June quotations are $1 per ton higher. Prompt business is difficult to place in some directions and sulphate possesses a very strong outlook.

Dried Blood.—As reported in the late market summary of last week's issue, South American sold at $3.37½ per unit. A subsequent sale was registered at $3.40 per unit and $3.50 per unit is now asked. The Chicago market holds at $3.75 per unit with little offered. The New York market was firm at $4 per unit after a sale at $3.75 per unit.

Castor Pomace.—Domestic material sold at $17 per ton, f.o.b. producing point, a rise of $1 per ton. The market was very strong and it is likely that $17.50 per ton will be paid soon. So far as can be learned there are no offerings of foreign material from abroad, and it is reported that recent stocks in the hands of importers have been sold.

Fish Scrap.—Japanese sardine meal continued upward last week with $41 to $41.50 per ton quoted for No. 1 grade. This represents a rise of $1 per ton. Cargo space from the Orient is scarce. High prices are reported as having been paid for fish futures on the Pacific Coast and from the way things look now it is doubtful that California sardine meal will be available to East Coast buyers this season. At present trading values on the Coast the material would be worth around $4 and 10c. per unit laid down here. Menhaden meal in Baltimore sold at $1 per ton advance last week with transactions at $46 per ton and it was also reported at $47 per ton was paid. There is no further business in unground scrap at Chesapeake factories, and with light catches there is doubt that the Chesapeake fishermen will be able to fill all of the contracts now on their books.

Nitrogenous Material.—Imported material is nominally quoted at $2.75 per unit c.i.f., but there are no direct offerings. Domestic at Norfolk continues at $2.75 per unit, and the Western market ranges from $2.35 to $2.50 per unit, basis producing points. There is little offered in any direction, and there is a probability that prices might even go higher.

Tankage.—As reported in the late market summary of last week's issue, feed grade in Chicago was boosted to $4.50 and 10c. per unit-ton; fertilizer grade was quoted at $3.50 and 10c. per unit-ton. Ground material sold in New York at $4 and 10c. per unit-ton, a substantial boost over the previous sale; a lot of unground was offered at $3.75 and 10c. per unit-ton.

Potashes

Deliveries and arrangements for them under the contracts booked at the maximum discount scale, furnish the center of attention of the potash producers at this time. As reported previously, there are no new bookings expected until closer to the time for the expiration of current discounts. A 5 percent discount is available to buyers who place orders with specifications prior to October 1 for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from October 1 to December 31. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Phosphates

Bone products continue to point in an upward direction and foreign 3 and 50 meal is difficult to obtain for prompt or nearby shipment. Superphosphate continues in a listless position and under mild demands at this time.

Bone Materials.—The lowest price for 3 and 50 imported meal reported last week was $23.50 per ton for forward delivery. This figure was 50c. higher than a week ago. There was a reported sale at $26 per ton, which market observers guessed to have been for prompt. The Chicago market did not change its position from the long standing basis of $18 to $19 per ton, f.o.b.

Superphosphate.—The Southeastern market is still reported to be in a sloppy condition. There were no developments in the Baltimore situation over the week, and prices remain as they have been quoted for some time back.

Sulphur and Pyrites

There was not much for comment in the sulphur market last week. The demands of the regular consuming industries were moderately active. Phosphate acidulators were showing seasonal growth of operations for Fall trade, and shipments to these buyers were rather good. Prices continue unchanged.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

Atlanta, Aug. 19.—Purchase of base goods materials in the South are reported fairly active. Sulphate of ammonia has been more freely booked than other materials, due to the scheduled advance September 1. The rising prices of organic materials does not seem to have stimulated the same activity, attributed to the fact that organics do not have the price rigidity of other materials. Cottonseed meal, which is one of the organics used in the South, is not advancing in proportion to other forms of organic nitrogen, though it is rather high already.

Crop conditions are favorably influenced by warm and fairly moist weather. Tobacco now being sold promises the largest returns for several years, even larger than in 1929. Cotton is, however, ranging between 60 and 70 in the southeast.

Quotations of this market are as follows:—

SUPERPHOSPHATES: $10.82 per ton, interior producing points.

NITRATE OF SODA.—Bulk, $24.50 per ton, port basis.

SULPHATE OF AMMONIA.—Bulk, $25.50 to $26 per ton, ports and southern producing points.

COTTONSEED MEAL.—Seven percent grade, $31 per ton, interior mills.

NITROGENOUS.—Imported, $2.75 per unit, ports; Midwest, $2.35 to $2.50, producing points.

BLOOD.—South American, $3.50 per unit, port basis; midwest, $3.75 per unit.

TANKAGE.—South American, $3.25 and 10c. ports.

Baltimore, Aug. 19.—Organic ammoniates continue upward, with further price advances recorded during the week. The prevailing figures are about as follows:—

FISH SCRAP.—Some small transactions in unground were negotiated during last week, at approximately $3 and 10c. per unit-ton, at factory. The fishing continues only fair. Domestic fish meal is held at $46 to $47 per ton, with Japanese sardine meal at $41 or more per ton.

TANKAGE.—This organic is now being quoted at $3.75 and 10c. to $4 and 10c. per ton for high grade ground. A sale was recently made at $3.85 and 10c.

GARBAGE TANKAGE.—This ammoniate is being offered in decidedly moderate volume, with the prices asked around $3.50 10c. and 70c. per unit-ton.

BONE.—Stocks are reported as light and 4½ and 50 ground raw bone around $27.50 to $28 per ton, and with 3 and 50 ground steamed stocks $25 to $26 per ton.

Chicago, Aug. 20.—Demand for representative grades of fertilizer materials, while not rushing, has been steady and of a good character, which has led to firmer tone and higher quotations when taken in conjunction with the firm supply situation that prevails in most products. Most of the organics are now ruling at the best price levels in many months, and at these prices they are attracting a considerable amount of interest from the buying trade. Offerings are rather scanty on blood and some other materials, causing buyers to watch the market even more closely.

BLOOD.—High grade, ground and unground, $3.50 to $3.75 per unit of ammonia; unground, suitable for feeding, 10 to

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12 percent, extra good, $3.90 to $4 and 10c.; 7 to 9 percent, $4.25 to $4.50 and 10c.

TANKAGE.—High grade, ground, $3.25 to $3.50 and 10c.; low grade tankage, $19 to $20 per ton, Middle West; liquid stick, $2.30 to $2.50; hoof meal, $2.75 to $2.90.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $22 to $24; grinding hoofs, pigs' toes and waste horn materials, $18 to $20; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $25 to $26; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 90c. to $1.

San Francisco, Aug. 17.—There has been a brisk demand here for all sorts of organic products. Fish meals are still mounting the scale of advancing prices and the trade has been bidding the tankage and blood markets sharply up. These products are becoming scarce and in some instances are now well sold out for the next three months. Coupled with this there continues to be an active interest in sulphate of ammonia for contracts covering the coming season. Superphosphate and ammonia phosphate are also going into contract. All in all, the market for fertilizers in California was an active one last week.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton; Bulk lots at $25.50 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles Harbor and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices for delivery to June.

SUPERPHOSPHATE.—Domestic quoted at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 80c. to 85c. per unit. Foreign, 75c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $37 to $39 per ton, September/January shipment, according to seller, f.o.b. cars, Monterey/San Francisco. Canadian pilchard meal, prompt shipment from Vancouver at $42 per ton, f.o.b. San Francisco. Strictly fertilizer grade Japanese meal, August/September shipment from the Orient at $38 per ton, c.i.f. San Francisco.

TANKAGE.—Local packing house tankage, ground, quoted at $3.35 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $3.15 and 10c. Argentine ground tankage quoted at $3.50 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic, ground, quoted at 95c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 85c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 and 70, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $3.50 per unit, f.o.b. cars, Los Angeles and $3.30 San Francisco. Argentine blood meal quoted at $3.50, c.i.f. Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine
CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

Fertilizer Freights Attacked

Carload freight rates on fertilizer from Indianapolis, to destinations in Iowa, Michigan, Minnesota, and Wisconsin are attacked in a complaint filed with the Interstate Commerce Commission by the E. Rauh & Sons Fertilizer Company, Indianapolis.

Phosphate rock mining on a large scale is planned by the Nanyo Kohatsu Kaisha at a recently discovered deposit on Ponape, one of the Japanese mandated islands in the South Seas.

Blodelsheim potash mines has been given the following quotas in the French production of 436,000 tons of potash salts:—1937, 1.05 percent; 1938, 2.10 percent; 1939 and thereafter, 3.15 percent.

F. O. Davis, comptroller of the Potash Company of America, at Carlsbad, N. M., spent most of the past week at the Baltimore office of the corporation, where he conferred with C. C. Smith, the general sales manager, and with George W. Harris, another officer of the company.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACENAPHTHENE — 1 csk, Charles Hardy, Maasdam, Rotterdam

ACID—8 cs, Lansen, Naeve Corp, New York, Hamburg
CRESYLIC—10 dms, 4 tons, 14 cwt, 1 qt, 15 lbs, Monsanto Chem Co, Carinthia, Liverpool
LINSEED OIL—642 dms, I R Boody Co, Maasdam, Rotterdam
200 dms, Maasdam, Rotterdam
211 dms, Black Tern, Antwerp
135 dms, Wecoline Prod Co, Statendam, Rotterdam
225 dms, Half Moon Mfg & Trading Co, Statendam, Rotterdam
98 dms, Irving Trust Co, Statendam, Rotterdam
350 dms, 300 bbls, Statendam, Rotterdam
130 dms, Pennland, Antwerp
100 dms, Half Moon Mfg & Trading Co, Black Falcon, Rotterdam
98 dms, Bilderdyk, Rotterdam
NAPHTHENIC — 100 dms, Petroleum By-Product Co, New York, Hamburg
PHOSPHORIC—1 cs, Roepke & Otto, American Banker, London
STEARIC—269 bgs, 20 tons, 17 cwt, 1 qt, 7 lbs, Orbis Product Trading Co,, Carinthia, Liverpool
125 bgs, M J Corbett & Co, Rotterdam, Rotterdam

ADEPS LANAE—67 bbls, 14 tons, 5 cwt, 18 lbs, C Tremont & Sons Co, Carinthia, Liverpool

ALBUMEN, EGG—53 cs, Stein, Hall & Co, Katsuragi, Kobe

ALCOHOL, DENATURED—200 dms, C Esteva, Borinquen, San Juan

ALUMINUM LEAF—16 cs, Globe Shipping Co, New York, Hamburg
6 cs, E Henningson & Co, Bremen, Bremen
POWDER—G W Sheldon & Co, New York, Hamburg

ANGELICA ROOT—10 cs, Greene Trading Co, American Banker, London

ANISE—50 bgs, 5,500 lbs, Levy & Levis Co, Navemar, Malaga
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Navemar, Malaga
42 bgs, 5,557 lbs, Excambion, Marseilles

ARCHIL LIQUID—3 cks, 1 ton, 1 cwt, 1 qtr, 1 lb, Paul A Dunkel & Co, Carinthia, Liverpool

ARROWROOT — 200 bbls, Morningstar-Nicol, Ingrid, St Vincent
20 cs, J P Smith & Co, American Banker, London

ARSENIC, WHITE—99 dms, 58,999 lbs, African Metal Corp, Black Tern, Antwerp

ARTISTS' MATERIAL — 4 cs, Gallagher & Ascher, Maasdam, Rotterdam

ASBESTOS—15 bgs, Navemar, Genoa

ASPHALT—29 bbls, Panama R R, Ancon, Cristobal
250 bgs, A V Berner & Co, Oriente, Havana
1,177 cakes, Columbus, Bremen
340 bgs, A V Berner & Co, Seatrain New York, Havana

MINERAL—315 bgs, Central Comm Co, Seatrain New York, Havana

BABASSU KERNELS — 9,693 bgs, Franklin Baker Co, Dunstan, Parnahyba
5,166 bgs, Franklin Baker Co, Basil, Parnahyba

BALSAM — 5 cs, Geo Uhe & Co, Ancon, Central America
5 cs, Wessel, Duval & Co, Ancon, Central America

BARK, MEDICINAL—3 bls, Munargo, Havana

BARYTES—3,500 tons, Ore & Chem Corp, Maasdam, Rotterdam
500 bgs, 55,000 lbs, Smith Color & Chem Co, Navemar, Genoa
Quantity, Giulia, Venice

BAY LEAVES—9 bls, Ingrid, Roseau

BLEACHERS' TINT—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Carinthia, Liverpool

BONE MEAL—1,589 bgs, H J Baker & Bros, Erfurt, Buenos Aires
1,100 bgs, Erfurt, Rosario
1,883 bgs, Giulia, Fiume

BORON FLUORIDE—20 cyls, 4,723 lbs, Standard Oil Co of N J, Black Falcon, Rotterdam

BRISTLES—2 cs, Guaranty Trust Co, New York, Hamburg
12 cs, Globe Shipping Co, New York, Hamburg
8 cs, F H Cone & Co, Katsuragi, Kobe
25 cs, Chesnut, Cooper & Co, Katsuragi, Tientsin
98 cs, Melchers, Inc, Katsuragi, Tientsin
275 cs, F H Cone & Co, Katsuragi, Tientsin
4 cs, Aquitania, Southampton
5 cs, M Broverman & Son, American Banker, London
14 cs, Chesnut, Cooper & Co, American Banker, London
63 cs, Huth & Co, American Banker, London
7 cs, Schenker & Co, American Banker, London
21 bbls, Manufacturers' Trust Co, Pilsudski, Gdynia

BRONZE POWDER—7 cs, G W Sheldon & Co, New York, Hamburg
1 cs, Hensel, Bruckman & Lorbacher, New York, Hamburg
8 cs, R F Downing & Co, Bremen, Bremen

CACTUS—24 cs, J L Hopkins & Co, Ulua, Kingston

CADMIUM—10 cs, London Corporation, Antwerp

CALCIUM HYPOCHLORITE—14 dms, Refined Syrups, Inc, Dora, Jucaro

CANARY SEED—150 bgs, J J Toledano, Tonsbergfjord, Casablanca

CARAWAY SEED—200 bgs, 22,000 lbs, Catz American Co, Rotterdam, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, Black Diamond Seed Co, Rotterdam, Rotterdam
100 bgs, 11,000 lbs, Black Diamond Seed Co, Bilderdijk, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Maasdam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Maasdam, Rotterdam
150 bgs, 16,500 lbs, C M Van Sillevoldt, Maasdam, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Statendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Statendam, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Black Falcon, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Bilderdijk, Rotterdam

CARBON, DECOLORIZING—75 bgs, 6,765 lbs, W Manley, President Harding, Hamburg
50 bgs, R W Greef & Co, Rotterdam, Rotterdam

CASEIN—70 bgs, D C Andrews & Co, New York, Hamburg
250 bgs, Erfurt, Buenos Aires

CASTOR BEANS—1,694 bgs, Spencer Kellogg & Sons, Dunstan, Bahia
6,921 bgs, Baker Castor Oil Co, Dunstan, Bahia
1 pkg, Forvent Co, Dunstan, Ceara
1,790 bgs, Baker Castor Oil Co, Mandu, Rio de Janeiro
1,700 bgs, Baker Castor Oil Co, Mandu, Bahia
1,698 bgs, W R Grace & Co, Mandu, Bahia
6,720 bgs, Mandu, Bahia
847 bgs, Baker Castor Oil Co, Basil, Pernambuco
3,400 bgs, Basil, Pernambuco
840 bgs, Philadelphia Natl Bank, Basil, Pernambuco
840 bgs, Basil, Camocin

CELERY SEED—50 bgs, I Harrison & Whitney, Tonsbergfjord, Marseilles
85 bgs, Tonsbergfjord, Marseilles
20 bgs, Knickerbocker Mills Co, Excambion, Marseilles
20 bgs, Joensson Import Co, Excambion, Marseilles

CHALK, COMMON—320 bgs, Lo Curto & Funk, American Banker, London
1,600 bgs, R L Watkins Co, American Banker, London

CHARCOAL, ANIMAL—10 cks, 3,850 lbs, Robinson-Wagner Co, Black Tern, Antwerp

CHEMICALS—14 cs, G J Wallau, Paris, Havre
26 dms, Michel Export Co, Maasdam, Rotterdam
20 bbls, Philip Bauer Co, Maasdam, Rotterdam
20 dms, Innis, Speiden & Co, Maasdam, Rotterdam
100 cks, Jungmann & Co, Maasdam, Rotterdam
2 cs General Dyestuff Corp, Maasdam, Rotterdam
2 demj, R W Greeff & Co, Maasdam, Rotterdam
11 cs, 1 ck, Merck & Co, Maasdam, Rotterdam
1 cs, Stanley Doggett, Maasdam, Rotterdam
1,016 bgs, Advance Solvents & Chem Co, New York, Hamburg
480 bgs, Sherka Chem Co, New York, Hamburg
20 bbls, National City Bank, New York, Hamburg
629 cs, New York, Hamburg
30 bgs, D L & W R R, New York, Hamburg
72 cks, E M Sergeant Pulp & Chem Co, New York, Hamburg
3 bgs, 30 cks, New York, Hamburg
3 cs, Schimmel & Co, New York Hamburg
10 cs, Heemsoth, Pinckes & Kerner, New York, Hamburg
10 kgs 11 cs, Jungmann & Co, New York, Hamburg
10 kgs, 23 cs American Express Co, New York, Hamburg
2 cs, Akatos, Inc, New York, Hamburg
20 bbls, African Metal Corp, New York, Hamburg
400 bgs, 44,000 lbs, Black Tern, Antwerp
2 cs, G J Wallau, Normandie, Havre
7 cs Sandoz Chem Works, Normandie, Havre
117 cks, Advance Solvents & Chem Co, Stavanger, Menstad
2 cs, Knickerbocker Carriers, Statendam, Rotterdam
11 cs, Statendam, Rotterdam
1,984 bgs, 5 cs, Columbus, Bremen
14 cs, Pfaltz & Bauer, Columbus, Bremen
20 cs, P C Kuyper & Co, Columbus, Bremen
15 cks, Stanley Doggett, Columbus, Bremen
5 cks, Hummel Chem Co, Columbus, Bremen
8 bbls, F M S, Pennland, Antwerp
102 cks, 36,240 lbs, Black Falcon, Pennland, Antwerp
100 cks, 100 bgs, F A Kertess, Black Falcon, Rotterdam
4 dms, Advance Solvents & Chem Co, Black Falcon, Rotterdam
1 dm, Charles Pfizer & Co, American Banker, London
40 bbls, Hummel Chem Co, Bilderdijk, Rotterdam
3 dms, Michel Export Co, Bilderdijk, Rotterdam
3,196 bgs, 10 cs, 100 cks, African Metal Corp, London Corporation, Antwerp
120 dms, London Corporation, Antwerp
8 cs, Eimer & Amend, Washington, Rotterdam
100 cks Hummel Chem Co, Rotterdam, Rotterdam
5 cks, Stanley Doggett, Bremen, Bremen
5 cs, Henningson & Co, Bremen, Bremen
1 dm, General Dyestuff Corp, Bremen, Bremen

CINCHONA PRODUCTS—22 cs, R W Greff Co, Maasdam, Rotterdam
10 cs, R W Greff Co, Statendam, Rotterdam

CINCHONINE AND QUINIDINE SULPHATE —18 cs, New York Quinine & Chem Works, Maasdam, Rotterdam

CLAY—250 cks, Maasdam, Rotterdam
330 bgs, Reichard, Coulston, New York, Hamburg
450 bgs, W Manley, President Harding, Hamburg
178 cks, Milton Greenebaum, Bilderdyk, Rotterdam

BLUE—79 cks, 115,500 lbs, M Greenebaum, Black Falcon, Rotterdam

CLOVES—100 bgs, The Arles Co, Excambion, Marseilles

COALDUST—42 dms, Bilderdyk, Rotterdam

COALTAR INTERMEDIATES—18 cks, General Aniline Works, Maasdam, Rotterdam
12 pkgs, General Dyestuff Corp, New York, Hamburg
8 cks, General Dyestuff Corp, Statendam, Rotterdam
70 dms, General Aniline Works, Bilderdyk, Rotterdam
75 cks, General Dyestuff Corp, Bilderdyk, Rotterdam
10 jugs, 5 cks, General Dyestuff Corp, Rotterdam, Rotterdam
6 cks, General Dyestuff Corp, Bremen, Bremen
8 cks, General Aniline Works, Bremen, Bremen

COBALT, METAL—1 cs, 120 lbs, Central Trading Corp, Black Tern, Antwerp
1 cs, Central Trading Corp, London Corporation, Antwerp

COCOA BEANS—600 bgs, Dunstan, Para
693 bgs, New York, Hamburg
49 bgs, Curacao Trading Co, Borinquen, Trujillo City
696 bgs, Veragua, Cristobal

COCOA BEANS—250 bgs, Otto Gerdau Co, Ancon, Cristobal
1,500 bgs, Ancon, Cristobal
1,250 bgs, Flora, Porto Cabello
57 bgs, Lopez & Mangual, Lara, Maracaibo
12 bgs, Meyer & Co, Lara, Maracaibo
72 bgs, Nieschlag & Co, Lara, Maracaibo
900 bgs, Irving Trust Co, Lara, Curacao
265 bgs, Scholtz & Co, Lara, Curacao
100 bgs, Meyer & Co, Lara, Curacao
239 bgs, Balfour, Guthrie & Co, West Humhaw, Sapelo
1,071 bgs, Balfour, Guthrie & Co, West Humhaw, Koko
2,364 bgs, Balfour, Guthrie & Co, West Humshaw, Lagos
1,584 bgs, Busi & Stephensen, Padnsey, Lagos
1,420 bgs, Balfour, Guthrie & Co, Padnsay, Lagos
2,000 bgs, Busi & Stephensen, Padnsay, Accra
2,880 bgs, Bank of British West Africa, Padnsay, Accra
1,086 bgs, Cie Francaise d L'Afrique Occid, Padnsay, Lagos
2,130 bgs, Balfour, Guthrie & Co, Padnsay, Lagos
774 bgs, Cie Francaise d L'Afrique Occid, Padnsay, Accra
12 bgs, Ingrid, Trinidad
250 bgs, Nieschlag & Co, Mandu, Victoria
500 bgs, Guaranty Trust Co, Basil, Pernambuco
1,000 bgs, Bank of London, South America, Basil, Pernambuco
3,150 bgs, Basil, Pernambuco

COCONUTS — 669 bgs, 66,900 lbs, Franklin Baker & Co, Haiti, Kingston
570 bgs, 57,000 lbs, A N Leakway, Haiti, Kingston
600 bgs, 60,000 lbs, Franklin Baker & Co, Ancon, Cristobal
250 bgs, 25,000 lbs, I L Toledano Corp, Ancon, Cristobal
300 bgs, 30,000 lbs, Fruit Dispatch Co, Ulua, Kingston
153 bgs, 15,300 lbs, J Simon & Co, Emilia, San Juan
25 bgs, 2,500 lbs, American Lime Corp, Emilia, San Juan
102 bgs, 10,200 lbs, Universal Import & Export Co, Emilia, San Juan
200 bgs, 20,000 lbs, I L Toledano Corp, Emilia, San Juan
20 bgs, 2,000 lbs, Emilia, San Juan

COCONUT FIBER—4,710 bls, City of Salisbury, Colombia

COLOCYNTH PULP—23 bls, J L Hopkins & Co, City of Salisbury, Colombia

COLORS—1 csk, Calco Co, Normandie, Havre
8 csks, S H Pomerance, Normandie, Havre
1 cs, B F Drakenfeld & Co, Carinthia, Liverpool

COALTAR—10 kegs, General Dyestuff Corp, Maasdam, Rotterdam

DRY—3 bbls, 1 cs, Phoenic Shipping Co, Bilderdyk, Rotterdam
38 bbls, Stanley Doggett, Exambion, Genoa

EARTH—53 csks, Calco Chem Co, Columbus, Bremen
12 csks, C J Osborn & Co, Rotterdam, Rotterdam

COPPER ACETATE—20 sks, 2,567 lbs, African Metal Corp, Black Tern, Antwerp

CORIANDER SEED—250 bgs, Export Agency, Tonsbergfjord, Casablanca

CORK—3 bgs, L Mundet & Sons, Tonsbergfjord, Lisbon

BOARD—190 bls, Navemar, Lisbon

SHAVINGS—128 bls, Navemar, Lisbon
48 bls, Wicander & Co, Navemar, Lisbon

VIRGIN—265 bls, L Mundet & Sons, Tonsbergfjord, Marseilles

WASTE—7,110 bls, L Mundet & Sons Co, Aakre, Lisbon
2,028 bls, Tonsbergfjord, Lisbon
285 bls, Brown Bros-Harriman Co, Tonsbergfjord, Lisbon

WOOD—260 bls, Leonel Bento & Co, Alberto, Navemar, Lisbon
297 bls, Wicander & Co, Navemar, Lisbon
1,412 bls, L Mundet & Sons, Aakre, Lisbon
34 bls, Central Hanover Bank & Trust Co, Tonsbergfjord, Lisbon
200 bls, L Mundet & Sons Co, Tonsbergfjord, Lisbon
1,996 bls, Brown Bros-Harriman Co, Tonsbergfjord, Lisbon

COTTONSEED FIBER—65 bls, Hercules Powder Co, Panuco, Tampico

LINTERS—215 bls, Basel, Pernambuco

CRESOL—1 dm, Lansen, Noeve Corp, New York, Hamburg
SOLID—10 kgs, 1 ton, 2 cwt, 2 qts, Monsanto Chem Co, Carinthia, Liverpool

CUMIN SEED—300 bgs, Tonsbergfjord, Marseilles
167 bgs, Excambion, Marseilles

DEXTRIN—100 bgs, American Cyanamid & Chem Co, Maasdam, Rotterdam

DOGWOOD BARK—70 bgs, Peck & Velsor, Haiti, Kingston

DRUGS—23 cs, American Banker, London

DUTCH METAL—6 cs, B F Drakenfeld Co, Washington, Hamburg

DYES—4 cks, Ozalid Corp, Rotterdam, Rotterdam
ALIZARIN—1 cs, 4 jugs, 11 dms, 38 cks, General Dyestuff Corp, Maasdam, Rotterdam
16 jugs, 18 dms, 9 cks, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
10 jugs, 27 cks, General Dyestuff Corp, Rotterdam, Rotterdam
2 dms, General Dyestuff Corp, Bremen, Bremen

ANILIN—23 cks, Ciba Co, Paris, Havre
8 jugs, 1 cs, 53 dms, 151 cks, General Dyestuff Corp, Maasdam, Rotterdam
11 dms, Sandoz Chem Works, New York, Hamburg
1 cs, 9 cks, General Dyestuff Corp, New York, Hamburg
20 pkgs, Carbic Color & Chem Co, Normandie, Havre
14 cks, Geigy Co, Normandie, Havre
46 cks, Ciba Co, Normandie, Havre
27 dms, 2 cs, 175 cks, General Dyestuff Corp, Statendam, Rotterdam
21 cks, 1 pkg, General Dyestuff Corp, Columbus, Bremen
1 dm, E I Du Pont de Nemours Co, Carinthia, Liverpool
10 cks, Ciba Co, Carinthia, Liverpool
55 cks, 1 cs, General Dyestuff Corp, Rotterdam, Rotterdam
14 dms, Sandoz Chem Works, Bremen, Bremen
35 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen

DYEWOOD, CUTTED—6 bgs, J L Hopkins & Co, Vulcania, Trieste
46 bgs, Giullia, Fiume

EGG YOLK, HEN—336 cs, Stein, Hall & Co, Katsuragi, Kobe
112 cs, Henningson Bros, Katsuragi, Kobe

EPHEDRA—125 bls, S B Penick & Co, Katsuragi, Kobe

FENUGREEK SEED — 45 bgs, Excambion, Marseilles

FERROMANGANESE — 125 cks, President Harding, Havre

FIG TREE SAP—2 cts, Merck & Co, Veragua, Cristobal

FILTER COMPOUND—40 cs, H Reifenberg, New York, Hamburg

PAPER—1 cs, Aug Giese & Son, New York, Hamburg
8 cs, H Reeve Angel & Co, American Banker, London

FIRE CLAY—233 bgs, Flat & Co, Columbus, Bremen

FLAXSEED — 1,273,500 kilos, 50,940 bu, Archer - Daniels - Midland Co, Hellen, Buenos Aires
5,810,800 kilos, 232,432 bu, Archer-Daniels-Midland Co, Hellen, Rosario
2,540,000 kilos, 101,600 bu, L Dreyfus & Co, Erfurt, Santa Fe

FLEASEED—205 bgs, City of Salisbury, Colombo
130 bgs, Tonsbergfjord, Marseilles

FLUORSPAR—254,000 kilos, H Mueller & Co, New York, Hamburg

FULLER'S EARTH—250 bgs, L A Salomon & Bros, American Banker, London

GELATIN—110 bgs, R D McLellan, Maasdam, Rotterdam
20 cs, Dungelstedt & Co, New York, Hamburg
10 cs, International Selling Corp, Pennland, Antwerp
25 cs, 100 bgs, R D McLellan, Black Falcon, Rotterdam

GINGER ROOT—6 bgs, D Steengrafe, Emilia, San Juan
329 bgs, Padnsay, Freetown
464 bgs, Barclay Bank, Ulua, Kingston
100 bgs, McKesson & Robbins, Ulua, Kingston
175 bgs, C T Wilson & Co, Ulua, Kingston
214 bgs, Ulua, Kingston

GLASS, PLATE—12 cs, L Salomon & Son, Black Tern, Antwerp
40 cs, Brown Bros-Harriman Co, London Corporation, Antwerp

POWDERED—13 cs, S H Pomerance, New York, Hamburg

WINDOW—4 cs, Globe Shipping Co, New York, Hamburg
26 cs, Semon, Bache & Co, Black Tern, Antwerp
796 cs, Vitrea Co, President Harding, Hamburg
11 cs, Semon, Bache & Co, President Harding, Hamburg
8 cs, S A Bendheim Co, President Harding, Hamburg
500 cs, Giulia, Fiume
1,108 cs, London Corporation, Antwerp
25 cs, Semon, Bache & Co, Washington, Hamburg
30 cs, J Henry Schroeder Banking Corp, Washington, Hamburg
280 cs, Vitrea Co, Washington, Hamburg

GLUE—4 cks, General Aniline Works, Maasdam, Rotterdam
120 bls, T M Duche & Sons, Black Tern, Antwerp
320 bgs, Dingelstedt & Co, Columbus, Bremen
92 bls, 214 bgs, International Selling Corp, Pennland, Antwerp
40 pkgs, T M Duche & Sons, Pennland, Antwerp
948 bgs, Vulcania, Trieste
100 bgs, Giulia, Venice

GLYCERIN—100 dms, Garrigues, Stewart & Davies, Maasdam, Rotterdam
20 dms, Armour & Co, Maasdam, Rotterdam
100 dms, Armour Soap Works, Maasdam, Rotterdam
1 cs, A Katos, Inc, New York, Hamburg
17 dms, Balfour, Guthrie & Co, Erfurt, Buenos Aires
40 dms, National Carloading Co, Tonsbergfjord, Marseilles
100 dms, Armour Soap Works, Rotterdam, Rotterdam

GREASE, WOOL—91 dms, 2 bbls, C Tennant Sons & Co, Carinthia, Liverpool
50 bbls, 10 tons, 6 cwt, 3 qtrs, 6 lbs, Robinson, Wagner Co, Carinthia, Liverpool
57 dms, 7 tons, 2 cwt, 3 qtrs, 19 lbs, E Dewitt Osborn, Carinthia, Liverpool
290 dms, 111 bbls, 84 tons, 6 cwt, 3 qtrs, 10 lbs, Hummel Chem Co, Carinthia, Liverpool
20 dms, 44 bbls, 13 tons, 5 cwt, Carinthia, Liverpool
66 dms, C Tennant Sons & Co, Carinthia, Liverpool
150 bbls, 31 tons, 2 cwt, N J Mahnstrum & Co, Carinthia, Liverpool

GUM—4 cs, American Banker, London
4 bbls, Resinous Prod & Chem Co, Fort Townshend, Halifax

ARABIC—250 bgs, Thurston & Braitlich, City of Salisbury, Port Sudan
150 bgs, R J Prentiss & Co, City of Salisbury, Port Sudan
400 bgs, T M Duche & Sons, City of Salisbury, Port Sudan
150 bgs, National Adhesive Corp, City of Salisbury, Port Sudan
200 bgs, Innis, Speiden & Co, City of Salisbury, Port Sudan
150 bgs, City of Salisbury, Port Sudan
250 bgs, Goschens & Gunliffe, City of Salisbury, Port Sudan
110 bgs, City of Salisbury, Port Sudan

CHICLE—718 bls, Mexican Exploitation Co, Panuco, Progreso
562 bls, Mexican Exploitation Co, Orizaba, Vera Cruz
75 bls, Chicle Development Co, Musa, Porto Barrios

COPAL—40 bgs, Black Tern, Antwerp
300 bgs, Gillespie, Rogers, Pyatt Co, Black Tern, Antwerp

GUAIAC—10 cs, Schutte & Focke, San Juan, Azua

LOCUST BEAN—50 bgs, Stein, Hall & Co, Excambrion, Genoa
50 cs, Innis, Speiden & Co, Excambion, Genoa

MASTIC—12 pkgs, Vulcania, Stamoulis

YACCA—1,050 bgs, City of Camberra, Adelaide

TRAGACANTH—34 bgs, 50 cs, E Meer & Co, American Banker, London
49 cs, 8 bgs, American Banker, London
10 cs, G Gulbenkian, Excambion, Alexandria
91 bgs, Paul A Dunkel & Co, American Banker, London
181 bgs, 17 cs, Paul A Dunkel & Co, American Merchant, London

GYPSUM—5,325 tons, United States Gypsum Co, Gypsum Empress, Windsor
2,300 tons, Atlantic Gypsum Prod Co, Ervina, Walton
5 cs, P H Petry Co, American Banker, London

HEMPSEED—282 bgs, American Bluefriesveen Co, Maasdam, Rotterdam

HENNA LEAVES—70 bgs, Excambion, Alexandria

HERBS, MEDICINAL—60 bls, S B Penick & Co., New York, Hamburg
83 bls, New York, Hamburg
70 bls, Aakre, Barcelona
3 bls, Peek & Velsor, Vulcania, Trieste

HERBS, MEDICINAL—6 bls, S B Penick & Co, Vulcania, Trieste
1 bl, Giulia, Fiume
9 pkgs, Front Bros, Pilsudski, Gdynia
HOPS—4 bls, Bing & Lust, New York, Hamburg
8 bls, Atlantic Forwarding Co, New York, Hamburg
26 bls, R F Downing & Co, New York, Hamburg
15 bls, R F Downing & Co, Black Tern, Antwerp
3 bls, J Sonnenscheim Hop Co, President Harding, Hamburg
10 bls, Heemsoth, Runckes & Kerner, President Harding, Hamburg
115 cyls, Ludwig Baer, Statendam, Rotterdam
69 cs, 50 bls, S S Steiner, Columbus, Bremen
10 bls, Guaranty Trust Co, Pennland, Antwerp
175 bls, American Banker, London
30 bls, J Sonnenscheim Hop Co, Washington, Hamburg
15 cs, 2 bls, J Barth & Son, Bremen, Bremen
IRISH MOSS—10 bls, S B Penick & Co, Paris, Havre
25 bls, Peek & Velsor, Paris, Havre
20 bls, Paris, Havre
IRON, OXIDE—2 cks, 10 cwt, 3 qtrs, 12 lbs, Montag & Cassidy, Carinthia, Liverpool
25 bbls, T H Deutz, Tonsbergfjord, Marseilles
20 cks Reichard-Coulston, Bilderdijk, Rotterdam
75 cks, T H Deutz, Bilderdijk, Rotterdam
ISINGLASS—10 cs, C H Reisig, Carinthia, Liverpool
15 cs, American Banker, London
KOLA NUTS—72 bgs, Parke Davis & Co, Haiti, Kingston
LAUREL LEAVES—100 bls, Vulcania, Trieste
95 bls, Giulia, Fiume
LEAVES, MEDICINAL—38 bgs, Excambion, Marseilles
LECITHIN—2 dms, Dumont Shipping Co, New York, Hamburg
LIME JUICE—10 hhd, Ingrid, Roseau
100 cs, R F Downing & Co, American Banker, London
LITHOPONE—400 cks, Benj Moore & Co, Bilderdijk, Rotterdam
MACE—44 cs, Van Loon & Co, Maasdam, Rotterdam
13 cs, Maasdam, Rotterdam
18 cs, Gillespie & Co, Ingrid, Grenada
MAGNESIA, CALCINED—30 cs, 1 ton, 16 cwt, 1 qtr, 22 lbs, Schofield-Donald Co, Carinthia, Liverpool
CARBONATE—150 bgs, 3 tons, 9 cwt, 1 qtr, 6 lbs, Innis, Speiden & Co, Carinthia, Liverpool
50 cks, 2 tons, 1 cwt, 3 qtrs, 25 lbs, Schofield-Donald Co, Carinthia, Liverpool
10 cs, 11 cwt, 3 qtrs, 4 lbs, Schofield-Donald Co, Carinthia, Liverpool
HYDRATE—20 cs, 1 ton, 3 qtrs, 6 lbs, Schofield-Donald Co, Carinthia, Liverpool
STEARATE—6 cks, Yardley & Co, American Banker, London
MAGNESITE—545 bgs, F E Schundler Co, Rotterdam, Rotterdam
CALCINED—Speiden, Whitfield & Co, Maasdam, Rotterdam
MANOC MEAL—425 bgs, Chase National Bank, Dunstan, Ceara
MATE—10 cs, Bana Com'l Italian Trust Co, Western Prince, Buenos Aires
MEDICINAL PREP—42 ctns, 1 bbl, G J Fajardo, Borinquen, San Juan
3 cs, E Fougera & Co, Normandie, Havre
10 cs, E Fougera & Co, Aakre, Valencia
8 cs, Burroughs, Welcome & Co, American Banker, London
METAL DUST—250 bbls, 121,660 lbs, African Metal Corp, Black Tern, Antwerp
MICA—147 cs, Alatary Pitts Co, Tonsbergfjord, Marseilles
79 cs, City of Salisbury, Calcutta
8 cs, American Banker, London
20 cs, A J Bracher & Co, American Banker, London
2 cs, J Block & Co, American Banker, London
80 cs, D F Young, Tonsbergfjord, Marseilles
BLOCK—50 cs, City of Salisbury, Calcutta
DISCS—1 cs, City of Salisbury, Calcutta
FILMS—74 cs, City of Salisbury, Calcutta
SPLITTINGS—28 cs, General Electric Co, City of Salisbury, Calcutta
785 cs, City of Salisbury, Calcutta
MOLASSES—425,137 gls, American Molasses Co, Dora, Havana
415,272 gls, Commercial Molasses Corp, Dora, Havana
1 dm, Charles Pfizer & Co, American Banker, London
100,087 gls, National Sugar Refg Co, Seatrain, New York, Havana
175,000 gls, American Molasses Co, Munargo, Havana
MURU MURU NUTS—3,000 bgs, National City Bank, Dunstan, Para
MUSTARD SEED—100 bgs, J Harrison & Whitney, President Harding, Hamburg
4 bgs, Rohner, Nehrig & Co, Statendam, Rotterdam
50 bgs, Knickerbocker Mills Co, Black Falcon, Rotterdam
NAPHTHALENE—507 bgs, Black Tern, Antwerp
NAPHTHALENE—336 bgs, Black Diamond S S Co, Black Tern, Antwerp
322 bgs, Calco Chem Co, Capulin, Hull
NUTMEGS—219 bls, 86 cs, B H Old & Co, Maasdam, Rotterdam
50 bgs, O Gerdau Co, Ingrid, Grenada
220 cs, B H Old & Co, Rotterdam, Rotterdam
OCHER—80 bbls, Smith Color & Chem Co, Tonsbergfjord, Marseilles
25 cks, Whittaker, Clark & Daniels, Excambion, Marseilles
117 cks, Reichard-Coulston, Excambion, Marseilles
105 cks, Grace National Bank, Excambion, Marseilles
5 cks, J H Rhodes & Co, Excambion, Marseilles
70 cks, J A McNulty, Excambion, Marseilles
OIL—12 cs, Stavangerfjord, Bergen
ALMOND—20 cs, W J Bush & Co, Excambion, Marseilles
1 dm, Excambion, Marseilles
BAY—4 cs, Ingrid, Roseau
CAMPHOR—10 dms, Magnus, Mabee & Reynard, Katsuragi, Yokohama
CINNAMON LEAF—4 dms, National City Bank, City of Salisbury, Colombo
1 dm, New York Trust Co, City of Salisbury, Colombo
28 dms, R C Treatt & Co, American Banker, London
CITRONELLA—10 dms, Dodge & Olcott Co, City of Salisbury, Colombo
13 dms, Barber S S Line, American Banker, London
COAL—6 bbls, Universal Oil Prod Co, American Banker, London
COCONUT—6 cs, I L Toledano Corp, Ulua, Kingston
COD—287 dms, J D Irwin & Co, New York, Hamburg
1 dm, Stavangerfjord, Oslo
300 dms, National Oil Prod Co, Stavangerfjord, Aalesund
200 bbls, 150 dms, 150 cks, Stavangerfjord, Aalesund
100 cks, Chace Export Co, Fort Townshend, St Johns
CODLIVER — 70 dms, President Harding, Hamburg
100 bbls, Stavangerfjord, Eydehaven
1 dm, Stavangerfjord, Oslo
600 dms, C L Huisking & Co, Stavangerfjord, Aalesund
150 bbls, 300 dms, E M Javitz & Son, Stavangerfjord, Aalesund
150 dms, 15 bbls, Stavangerfjord, Bergen
195 bbls, Stavangerfjord, Reykjavik
20 dms I M M Corp, Washington, Hamburg
172 dms, J D Irwin & Co, Washington, Hamburg
CORN—250 dms, Corn Product Refg Co, New York, Hamburg
153 dms, Balfour, Guthrie & Co, Black Tern, Antwerp
515 dms, N C Littauer, Black Tern, Antwerp
70 dms, Pennland, Antwerp
112 dms, London Corporation, Antwerp
75 dms, Corn Product Refg Co, Rotterdam, Rotterdam
COTTONSEED—278 dms, Basil, Pernambuco
ESSENTIAL—6 pkgs, Paris, Havre
4 cs, President Harding, Havre
63 cs, Normandie, Paris
1 cs, Columbus, Bremen
18 cs, 2 dms, Excambion, Marseilles
6 dms, Musa, Porto Barrios
20 cs, Rotterdam, Rotterdam
FUEL—98,000 bbls, Standard Oil Co of N J, V Q Barstow, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
GERANIUM—2 csks, 2 dms, Eric Conpey, City of Salisbury, Aden
LAVENDER—5 dms, 3 cs, Albert Verley, Excambion, Marseilles
LIME—5 cs, Gillespie & Co, Haiti, Kingston
13 cs, Ingrid, Roseau
16 cs, Fritzsche Bros, Ingrid, St Lucia
6 cs, Dodge & Olcott Co, Ingrid, St Lucia
2 cs, Ungerer & Co, Ingrid, St Lucia
1 dm, 22 cs, Dodge & Olcott Co, Western Prince, Port Spain
LINSEED—25 dms, I R Boody & Co, Maasdam, Rotterdam
LUBRICATING—4 dms, Shell Eastern Petroleum Prod Co, New York, Hamburg
161 dms, Black Tern, Antwerp
MINERAL—230 dms, New York, Hamburg
OITICICA—100 dms, Irving Trust Co, Dunstan, Ceara
100 dms, American Trust Co, Dunstan, Ceara
408 dms, Mandu, Reo de Janeiro
100 dms, Irving Trust Co, Basil, Pernambuco
125 dms, American Trust Co, Basil, Pernambuco
275 dms, 832 bbls, Basil, Pernambuco
OLIVE—175 cs, President Harding, Southampton
850 cs, Navemar, Genoa
578 cs, Navemar, Leghorn
200 dms, First National Bank of Boston, Navemar, Malaga
25 dms, G Rossano Bros, Navemar, Malaga
10 dms, F Grasedonio, Navemar, Malaga
100 dms, D A Sclafani, Navemar, Malaga
75 dms, R U Delapana Co, Navemar, Malaga
110 dms, 600 cs, Navemar, Malaga
25 dms, Public National Bank, Navemar, Malaga
50 dms, Bank of Manhattan, Navemar, Malaga
100 dms, Banca Com'l Italian Trust Co, Navemar, Malaga
3,421 cs, Aakre, Genoa
500 cs, Aakre, Barcelona
300 cs, Aakre, Genoa
3,100 cs, Aakre, Leghorn
50 dms, Banca Com'l Italian Trust Co, Tonsbergfjord, Marseilles
70 cs, Tonsbergfjord, Nice
100 cs, Tonsbergfjord, Lisbon
50 dms, J Minervini, Excambion, Leghorn
800 cs, Excambion, Leghorn
25 dms, Ungerer & Co, Excambion, Genoa
10 dms, Chas Fischbeck Co, Excambion, Genoa
487 cs, Excambion, Genoa
100 dms, Excambion, Marseilles
50 dms, Holland-American Line, Rotterdam, Rotterdam
ORANGE—10 cs, A F Payne Co, Atlantida, Kingston
20 cs, Magnus, Mabee & Reynolds, Atlantida, Kingston
OIL, ORANGE—3 dms, Eric Coupey, Tonsbergfjord, Marseilles
9 cs, Ulua, Kingston
12 dms, Excambion, Marseilles
PALM — 39 cks, Balfour, Guthrie & Co, Maasdam, Rotterdam
316,500 kilos, I R Boody & Co, Maasdam, Rotterdam
44 cyls, Balfour, Guthrie & Co, West Humbaw, Butri
PALM KERNEL—7 crates, Dumont Shipping Co, Black Falcon, Rotterdam
PERILLA—Quantity, S L Jones & Co, Katsuragi, Moji
Quantity, Mitsubishi Trading Co, Katsuragi, Kobe
300 dms, Katsuragi, Kobe
PIMENTO LEAF—5 cs, Ulua, Kingston
RAPESEED—600 dms, Balfour, Guthrie & Co, Katsuragi, Kobe
400 dms, W R Grace & Co, Katsuragi, Kobe
RESIDUE — 75 dms, President Harding, Hamburg
10 bbls, Pennland, Antwerp
SOYBEAN—41 dms, Frey & Horgan Corp, Rotterdam, Rotterdam
STORAX—50 cs, Vulcania, Trieste
SUNFLOWER SEED—2,414 dms, Maasdam, Rotterdam
1,022 dms, New York, Hamburg
250 dms, Statendam, Rotterdam
500 dms, Irving Trust Co, Statendam, Rotterdam
550 dms, Statendam, Rotterdam
200 dms, Black Falcon, Rotterdam
77,000 kilos, I R Boody & Co, Black Falcon, Rotterdam
560 dms, Black Falcon, Rotterdam
439,487 kilos, Bilderdijk, Rotterdam
VEGETABLE—100 dms, Balfour, Guthrie & Co, Maasdam, Rotterdam
287,318 kilos, Balfour, Guthrie & Co, Maasdam, Rotterdam
560 dms, I R Boody & Co, Maasdam, Rotterdam
YANG YANG—1 dm, Norda Essential Oil & Chem Co, Tonsbergfjord, Marseilles
ORANGE PEEL—17 bls, J L Hopkins & Co, Vulcania, Trieste
ORRISROOT—27 bgs, J L Hopkins & Co, Navemar, Leghorn
OSSEIN—423 bgs, Black Tern, Antwerp
PALM KERNELS—6,103 bgs, G B Ollivant, West Humhaw, Cotonou
PAPRIKA—15 cs, 15 bgs, H Schoenfeld & Sons, New York, Hamburg
12 bgs, 3 cs, Chemical Bank Trust Co, New York, Hamburg
25 bgs, New York, Hamburg
25 bgs, H Schoenfeld & Son, President Harding, Hamburg
50 bgs, Levy & Levis Co, Washington, Hamburg
50 bgs, Washington, Hamburg
PEATMOSS — 4,170 bls, Premier Peatmoss Corp, President Harding, Hamburg
2,100 bls, Bilderdijk, Rotterdam
1,878 bls, Premier Peatmoss Co, Washington, Hamburg
PITCH, STEARIN—100 dms, Leith Mfg Co, Capulin, Hull
PODS—3 bls, American Banker, London
POPPYSEED—100 bgs, 11,000 lbs, R L Friedier, Maasdam, Rotterdam
291 bgs, 32,010 lbs, C M Van Sillevoldt, Maasdam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Statendam, Rotterdam
POTASH, CARBONATE — 1 cs, Johaneson, Wales & Sparre, Pennland, Antwerp
CAUSTIC—355 dms, American Cyanamid & Chem Co, New York, Hamburg
HYDRATE—35 dms, Procter & Gamble Co, New York, Hamburg
MANURE SALT—317,500 kilos, N V Potash Export My, President Harding, Hamburg
MURIATE—5,000 bgs, N V Potash Export My, Black Tern, Antwerp
PRUSSIATE—20 cks, American Cyanamid & Chem Co, Maasdam, Rotterdam
20 cks, Rotterdam, Rotterdam
SALT—23 kegs, 5 cs, P H Petry & Co, American Banker, London
SULPHATE—500 bgs, N V Potash Export My, President Harding, Hamburg
15,000 bgs, N V Potash Export My, Wartenfels, Hamburg
PYRETHRUM FLOWERS—14 bls, J L Hopkins & Co, Vulcania, Trieste
12 bls, R J Prentiss & Co, Vulcania, Trieste
12 bls, Giulia, Fiume
QUEBRACHO EXTRACT—1,350 bgs, International Corp, Western Prince, Buenos Aires
1,426 bgs, Tannin Corp, Western Prince, Buenos Aires
QUICKSILVER—70 flasks, Chase Natl Bank, Orizaba, Vera Cruz
RAPESEED—300 bgs, A G Dunn, Bilderdyk, Rotterdam
100 bgs, Holland American Line, Bilderdyk, Rotterdam
150 bgs, Bilderdyk, Rotterdam
1,305 bgs, A G Dunn, Maasdam, Rotterdam
220 bgs, Levy & Levis, Maasdam, Rotterdam
424 bgs, Maasdam, Rotterdam
4,097 bgs, Catz American Co, Maasdam, Rotterdam
200 bgs, S Holst Knudsen, Maasdam, Rotterdam
677 bgs, New York, Hamburg
268 bgs, F W Van Damin, Black Tern, Antwerp
267 bgs, Bank of Manhattan, President Harding, Hamburg
150 bgs, Chase Natl Bank, President Harding, Hamburg
450 bgs, Levy & Levis Co, President Harding, Hamburg
450 bgs, S Holst Knudsen, President Harding, Hamburg
2,200 bgs, A G Dunn, President Harding, Hamburg
8,886 bgs, President Harding, Hamburg
900 bgs, A G Dunn, Statendam, Rotterdam
55 bgs, C Gerdau Co, Statendam, Rotterdam
550 bgs, Levy & Levis Co, Statendam, Rotterdam
1,500 bgs, Catz American Co, Statendam, Rotterdam
350 bgs, Wagner Bros, Statendam, Rotterdam
100 bgs, Duryea Seed Co, Statendam, Rotterdam
170 bgs, F W Van Damm, Statendam, Rotterdam
20 bgs, Rohner, Gehrig Co, Statendam, Rotterdam
410 bgs, Statendam, Rotterdam
150 bgs, Levy & Levis Co, Black Falcon, Rotterdam
23 bgs, American Bluefriesveen Co, Black Falcon, Rotterdam
721 bgs, A G Dunn, Black Falcon, Rotterdam
ROOT, MEDICINAL—10 bgs, 20 bls, New York, Hamburg
194 bls, F L Kraemer & Co, New York, Hamburg
15 bgs, Peek & Velsor, Vulcania, Trieste
133 bls, S B Penick Co, Giulia, Fiume
ROSE LEAVES—7 bls, Schieffelin & Co, Tonsbergfjord, Marseilles
1 ck, Yardley & Co, American Banker, London
SAFFRON, AMERICAN—32 bgs, Excambion, Alexandria
SAGE LEAVES—61 bls, Vulcania, Dubrovnik
106 bls, E E Marks & Co, Giulia, Fiume
SARSAPARILLA ROOT—10 bls, Rosing Bros, Ancon, Cristobal
SAWDUST—617 bgs, State Chem Co, Rotterdam, Rotterdam
SEAWEEDS—788 bgs, 25 tons, 17 cwt, 1 qrt, 19 lbs, Feedwaters, Inc, Carintnia, Liverpool
SEED, MEDICINAL—5 bgs, S B Penick & Co, Guilia, Fiume
SHELLAC—10 cs, A Hurst & Co, New York, Hamburg
200 bgs, Mac Lac Co, City of Salisbury, Calcutta
200 bgs, E E Androvette, City of Salisbury, Calcutta
200 bgs, Argenti & Co, City of Salisbury, Calcutta
10 cs, A Hurst & Co, Statendam, Rotterdam
165 bgs, Wm Zinsser & Co, American Banker, London
SEEDLAC—450 bgs, Mac Lac Co, City of Salisbury, Calcutta
400 bgs, Argenti & Co, City of Salisbury, Calcutta
300 bgs, City of Salisbury, Calcutta
SIENNA—10 bbls, T H Deutz, Tonsbergfjord, Marseilles
SILICON CARBIDE—20 cks, D C Andrews & Co, Stavangerfjord, Eydehaven
SOAP—67 cs, R & G, Inc, Normandie, Havre
1 cs, Yardley & Co, American Banker, London
25 cs, W E Martin, Giulia, Fiume
44 cs, R H Macy & Co, Giulia, Fiume
325 cs, 100 cyls, Conti Prod Corp, Excambion, Leghorn
MILLINGS—45 cs, Yardley & Co, American Banker, London
SHAVING BASE—66 cs, Yardley & Co, American Banker, London
SODA AZIDE—12 bbls, E I Du Pont de Nemours Co, New York, Hamburg
PRUSSIATE—27 cks, M J Corbett & Co, Rotterdam, Rotterdam
SILICOFLUORIDE—100 bgs, Hummel Chem Co, Giulia, Naples
SPONGES—3 bls, Schroeder & Tremayne, President Harding, Havre
8 bls, J H Rhodes & Co, Veragua, Cristobal
16 bls, Orizaba, Havana
14 bls, Munargo, Havana
STARCH, POTATO—100 bgs, Innis, Speiden & Co, Rotterdam, Rotterdam
50 bgs, Rotterdam, Rotterdam
25 pkgs, Morningstar, Nicol, Maasdam, Rotterdam
50 bgs, Arnold Hoffman Co, Maasdam, Rotterdam
50 bgs, 11,000 lbs, Knickerbocker Mills Co, Black Falcon, Rotterdam
500 bgs, Stein, Hall & Co, Rotterdam, Rotterdam
RICE—20 bgs, Yardley & Co, American Banker, London
STEARIN BEEF—88 pipes, City of Camberra, Sydney
OLEO—273 tcs, Chase Natl Bank, Erfurt, Montevideo
401 pkgs, Guaranty Trust Co, Western Prince, Montevideo
1,570 bbls, Western Prince, Buenos Aires
TALC—500 bgs, Whittaker, Clark & Daniels, Katsuragi, Kobe
TALLOW—263 tons Britannic, Southampton
419 dms, Carinthia, Liverpool
26 dms, 91 cks, American Banker, London
120 cks, National City Bank, City of Camberra, Sydney
414 pkgs, 393 bbls, 2,507 dms, 1,250 cks, City of Camberra, Sydney
184 pipes, 272 dms, Guaranty Trust Co, Camberra, Melbourne
250 dms, Van Iderstine, Camberra, Melbourne
1,107 dms, City of Camberra, Adelaide
1,527 bbls, Western Prince, Buenos Aires
TANKAGE—2,400 bgs, Western Prince, Buenos Aires
TARTAR—27 bgs, Charles Pfizer & Co, Navemar, Leghorn
166 bgs, Tonsbergfjord, Lisbon
109 bgs, Guilia, Naples
THALLIUM SULPHATE—1 cs, Dr Munch, London Corporation, Antwerp
THYME LEAVES—52 bgs, Excambion, Marseilles
TIMBO POWD—833 cs, Dunstan, Para
ROOT—200 bls, Guaranty Trust Co, Dunstan, Para
TONKA BEANS—8 bbls, Guaranty Trust Co, Dunstan, Para
TUCUM KERNELS—1,563 bgs, Franklin Baker Co, Dunstan, Parnahyba
1,539 bgs, Franklin Baker Co, Basil, Parnahyba
VANILLA BEANS—12 cs, Paris, Havre
138 cs, Thurston & Braidich, City of Salisbury, Aden
15 cs, Aquitania, Southampton
30 cs, Thurston Q Braidich, Orizaba, Vera Cruz
40 cs, J Manheimer, Excambion, Marseilles
63 cs, Guaranty Trust Co, Excambion, Marseilles
80 cs, Irving Trust Co, Excambion, Marseilles
61 cs, Excambion, Marseilles
VARNISH—10 cs, Haas Bros, Statendam, Rotterdam
2 cs, Phoenix Shipping Co, Bilderdijk, Rotterdam
WATER, MINERAL—100 cs, Rohner, Gehrig & Co, Maasdam, Rotterdam
362 cs, French Vichy, Inc, President Harding, Havre
50 ctns, Westergaard, Berg, Johnsen Co, Stavangerfjord, Oslo
100 cs, Sicily Trust Co, Excambion, Genoa
50 cs, Banca Comi Bank Trust Co, Excambion, Genoa
WAX, BEES—32 bgs, D A Zorrilla, Panuco, Tampico
49 bgs, Panuco, Tampico
34 bgs, Mandu, Rio de Janeiro
103 pkgs, Aakre, Lisbon
49 bgs, Schutte & Focke, San Juan, Azua
33 bgs, Mecke & Co, San Juan, Azua
44 bgs, Schutte & Focke, San Juan, Barahona
24 bgs, Duncan Fox & Co, Cacique, Pimentel
9 pkgs, D Steengrafe, Emilia, San Juan
30 pkgs, MacMiller Candle Co, Excambion, Alexandria
80 bgs, Western Prince, Santos
CANDELILLA — 124 bgs, D A Zorrilla, Panuco, Tampico
CARNAUBA—88 bgs, Basil, Parnahyba
56 bgs, Strohmeyer & Arpe Co, Dunstan, Ceara
56 bgs, Wm M Allison & Co, Dunstan, Ceara
56 bgs, Chase Natl Bank, Dunstan, Ceara
63 bgs, Strohmeyer & Arpe Co, Dunstan, Parnahyba
200 bgs, Bank of London South America, Dunstan, Parnahyba
188 bgs, Chase Natl Bank, Dunstan Parnahyba
12 bgs, Smith & Nichols, Mandu, Rio de Janeiro
2 bgs, A Hurst & Co, Basil, Pernambuco
111 bgs, Smith & Nichols, Basil, Pernambuco
124 bgs, Wm M Allison & Co, Basil, Pernambuco
56 bgs, Innis, Speiden & Co, Basil, Pernambuco
280 bgs, American Cyanamid & Chem Co, Basil, Pernambuco
238 bgs, W M Allison & Co, Basil, Camocin
56 bgs, Smith & Nichols, Basil, Camocin
326 bgs, Strohmeyer & Arpe Co, Basil, Pernambuco
589 bgs, Strohmeyer & Arpe Co, Basil, Parnahyba
32 bgs, Bank of London South America, Basil, Pernambuco
125 bgs, Bank of London South America, Basil, Parnahyba
495 bgs, Strahl & Pitsch, Basil, Parnahyba

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WAX, CARNAUBA—173 bgs, Wm M Allison & Co, Basil, Parnahyba
284 bgs, National City Bank, Basil, Parnahyba
MINERAL—15 bgs, Oil State Petroleum Corp, Maasdam, Rotterdam
10 bgs, General Dyestuff Corp, Statendam, Rotterdam
OZOKERITE—100 bgs, Innis, Speiden & Co, Vulcania, Trieste
185 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
42 bgs, Strohmeyer & Arpe Co, Giulia, Fiume
SPERMACETI—40 cs, Rotterdam, Rotterdam
WHITING—2,000 bgs, 220,000 lbs, Hanrahan Co, Black Tern, Antwerp
2,000 bgs, Manufacturers Trust Co, London Corporation, Antwerp
WINE LEES—444 bgs, Tonsbergfjord, Lisbon
WOODFLOUR—400 bgs, State Chem Co, Maasdam, Rotterdam
830 bgs, B L Soberski, Stavangerfjord, Fredrikstad
1,650 bgs, Burnet Co, Stavangerfjord, Fredrikstad
400 bgs, State Chem Co, Rotterdam, Rotterdam
YEAST—180 bbls, 10 cs, 10 kgs, Vulkan Yeast Co, New York, Hamburg
150 bbls, Guaranty Trust Co, New York, Hamburg
BREWERS—400 bls, Carinthia, Liverpool
ZINC, OXIDE—50 bbls, Innis, Speiden & Co, Pennland, Antwerp
127 bgs, Pennland, Antwerp
6 cs, Yardley & Co, American Banker, London
10 cks, Reichard-Coulston, Excambion, Marseilles
40 cks, State Chem Co, Pilsudski, Gdynia
ZINC-AMMONIA CHLORIDE—21 bbls, American Cyanamid & Chem Co, London Corporation, Antwerp

New York Transit Imports

BLANC FIXE—43 cks, Rotterdam, Rotterdam, Rochester
CASEIN—1 cs, H Levine, American Banker, Milwaukee
DYEWOOD, CUTTED—13 bgs, Allaire Woodward & Co, Vulcania, Trieste, Peoria
MAGNESIA, CARBONATE—100 cs, 3 tons, 7 cwt, 1 lb, McKesson & Robbins, Carinthia, Liverpool, Eridgeport
OIL, CODLIVER—125 bbls, Stavangerfjord, Bergen, Minneapolis
SPERM—905,654 kilos, W G Smith Co, Maasdam, Rotterdam, Cleveland
PYRETHRUM FLOWERS—18 bls, Allaire, Woodward & Co, Vulcania, Trieste, Peoria
RAPESEED—200 bgs, Corneli Seed Co, Maasdam, Rotterdam, St Louis
80 bgs, Northrup King Co, Maasdam, Rotterdam, Minneapolis
490 bgs, A Dickinson & Co, Maasdam, Rotterdam, Chicago
355 bgs, A Dickinson & Co, Statendsm, Rotterdam, Chicago
386 bgs, A Dickinson & Co, Black Falcon, Rotterdam, Chicago
RESIN—50 cs, Commi Bank of Greece, Guila Patras, Chicago
SPONGES—10 bls, Orizaba, Havana, Buenos Aires
9 bls, Munargo, Havana, Rotterdam
31 bls, Munargo, Havana, Havre
2 bls, Munargo, Havana, London
REFUSE—5 bls, Orizaba, Havana, Buenos Aires
10 bls, Munargo, Havana, Rotterdam
2 bls, Munargo, Havana, London
2 bls, Munargo, Havana, Osaka
ZINC, SULPHIDE—1 cks, Claudius Ash Sons & Co, American Banker, London, Irvington

Baltimore Imports

BRONZE POWDER—4 cs, Trans Seas Shipping Co, City of Baltimore, Hamburg
CHEMICALS—353 bgs, F H Shallus & Co, City of Baltimore, Hamburg
20 csks, City of Baltimore, Hamburg
81 bbls, 100 csks, 270 bgs, Beemsterdijk, Rotterdam
CHINA CLAY—385 tons, English China Clay Sales Co, Bestik, Fowey
989 tons, Moore & Munger, Bestik, Fowey
CLAY—200 bgs, City of Baltimore, Hamburg
75 csks, Beemsterdijk, Rotterdam
COLOR, EARTH—11 csks, Beemsterdijk, Rotterdam
DRY—1 cs, De McNicol Pottery, City of Flint, Liverpool
FERTILIZER, NITROGENOUS—3,048 bgs, Beemsterdijk, Rotterdam
GUM, COPAL—194 bskts, Silverteak, Macassar
IRON ORE—9,736 tons, Leonard J Buck, Inc, Haugarland, Lulea
6,545 tons, Wido, Whyalla
21,400 tons, Bethlehem Steel Co, Bethore, Cruz Grande
11,500 tons, Bethlehem Steel Co, Santore, Daiquiri
MAGNESITE—17,519 bgs, General Refractories Co, Lucia C, Trieste
MANGANESE ORE—2,000 tons, Chickasaw City, Calcutta
8,000 tons, Robin Gray, Rio Janeiro
8,500 tons, Electro Metallurgical Co, Reedpool Takoradi
8,700 tons, Electro Metallurgical Co, Deerpool, Takoradi
MILK POWDER—50 bbls, 400 bgs, Beemsterdijk, Rotterdam
MOLASSES—1,168,294 gls, Central Cunagua S A, Dixiano, Port Tarafa
OIL, COCONUT—514 tons, Silverteak, Cebu
FUEL—110,000 bbls, Standard Oil Co, N J, R L Hague, Aruba
PARALAC—1 cs, American Express Co, City of Flint, Liverpool
PEATMOSS—20 hlf bls, 1,053 bls, Premier Peatmoss Corp, City of Baltimore, Hamburg
PETROLEUM, CRUDE—100,000 bbls, Standard Oil Co of N J, Beacon, Las Piedras
73,000 bbls, Mexican Petroleum Co, J C White, Las Piedras
POTASH, MURIATE—561 tons, First Nat Bank, Boston, Yselhaven, Antwerp
SULPHATE—100 bgs, N V Potash My, City of Baltimore, Hamburg
111 tons, First Nat Bank, Boston, Yselhaven, Antwerp
TIN POWDER—4 cs, Baltimore & Ohio RR Co, City of Baltimore, Hamburg

Boston Imports

AMMONIA, CARBONATE—5 dms, Cameronia, Glasgow
SULPHATE—350 bgs, Bradley & Baker, Maasdam, Rotterdam
ANTIMONY, SULPHIDE—10 cks, 1 ton, 6 cwt, 3 qtrs, 18 lbs, American Express Co, Carinthia, Liverpool
ARGOLS—50 dble bgs, 11,243 lbs, Excambion, Leghorn
BONE MEAL—2,200 bgs, 220,000 lbs, Erfurt, Rosario
CARAWAY SEED—50 bgs, J Sklar Co, Maasdam, Rotterdam
CHEMICALS—250 bgs, 54,246 lbs Manufacturer's Chemical Co, America, Gothenburg
200 cks, Giulia, Trieste
225 crbys, 100 dms, Maasdam, Rotterdam
10 cks, Advance Solvents & Chemicals Co, Maasdam, Rotterdam
COALTAR DISTILLATE—4 dms, 18 cwt, 2 qtrs, 8 lbs, Mansanto Chemical Co, Carinthia, Liverpool
COCOA BEANS—1,000 bgs, 132,276 lbs, National City Bank, Scotia, Ihlnos
2,000 bgs, 264,552 lbs, Chase National Bank, Scotia, Ihlnos
5,000 bgs, 661,380 lbs, Scotia, Ihlnos
COLOR, DRY—5 cs, 1,124 lbs, S S Pierce, Sarcoxie, Havre
CYCASE LEAVES—6 bls, Morris A Jaffe & Co, Katsuragi Maru, Manila
DEXTRINE, POTATO—25 bgs, Maasdam, Rotterdam
EMERY FILLET—1 cs, Atkinson Haserick & Co, Carinthia, Liverpool
FERTILIZER, CHEMICAL MANURE—40 bgs, T D Downing Co, American Banker, London
FISH LIVERS—2 bxs, and 1 cs, J A Rich, Yarmouth, Yarmouth
1 bx, 1 cs, and 1 crtn, J Coyle, Yarmouth, Yarmouth
2 bxs, Magregor Fisheries, Yarmouth, Yarmouth
1 bx, and 4 cs, R S Hamilton, Yarmouth, Yarmouth
1 cs, H M Crocker, Evangeline, Yarmouth
1 cs, R S Hamilton, Evangeline, Yarmouth
1 bx, J Coyle, Evangeline, Yarmouth
2 cs, Dench & Hardy, Evangeline, Yarmouth
4 cs, Lincoln Willey, Evangeline, Yarmouth
1 cs, Macgregor Fisheries, Evangeline, Yarmouth
2 cs, H M Crocker, Yarmouth, Yarmouth
3 bxs, John Nagle, Yarmouth, Yarmouth
MEAL—4,148 bgs, H J Baker Bros, Katsuragi Maru, Yokohama
FLEASEED—100 bgs, 22,046 lbs, Excambion, Marseilles
FULLER'S EARTH—500 bgs, L A Salomon & Bros, American Banker, London
GLASS, WINDOW—186 cs, 12,158 lbs, Capulin, Hamburg
GLUE, HIDE, GRD—300 bgs, Guilia, Trieste
POWDER—50 csks, Dex & Reynolds, President Polk, Marseilles
GLUESTOCK, FISH SCRAP—10 bxs, J A Rich, Evangeline, Yarmouth
11 bbls, John Nagle, Evangeline, Yarmouth
5 bxs, J R Poole Co, Yarmouth, Yarmouth
14 bbls, R Ranagan, Yarmouth, Yarmouth
40 bbls, Nova Scotia, Halifax
HIDE CUTTINGS—72 bgs, 5 tons, 3 cwt, 2 qtrs, 5 lbs, Carinthia, Liverpool
GOLDTHREAD—5 bgs, J L Hopkins, Evangeline, Yarmouth
GUM, ARABIC—50 bgs, 11,122 lbs, City of Salisbury, Port Sudan
LOCUST BEAN KERNEL—25 cs T M Duche & Sons, Inc, President Polk, Genoa
INSECTICIDE—2 dms, American Express Co, American Banker, London
IRON, OXIDE—165 pkgs, Reichard-Coulston, Nova Scotia, Liverpool
LIME JUICE—5 cs, J P W Von Laer Co, Lady Hawkins, Dominica
MAGNESITE—200 bgs, H J Baker Bros, Maasdam, Rotterdam
MEDICINAL PREPS — 5 bbls, American Banker, London
1 cs Tung Hing Lung, President Polk, Hongkong
MICA SPLITTINGS—1,718 bgs, City of Salisbury, Calcutta
75 cs, Wallace Bros Co, City of Salisbury, Calcutta
MILK POWDER—440 bgs, Maasdam, Rotterdam
MOLASSES—200 bbls, Boston Molasses Co, Lady Hawkins, Georgetown
MORDANT—1 csk, 4 cwt, 2 qtrs, Carinthia, Liverpool
MYROBALANS—400 bgs, Guaranty Trust Co, President Polk, Bombay
NUTMEGS—50 bgs, Stickney & Poor Spice Co, Lady Hawkins, Grenada
OIL, COD—100 dms, 44,092 lbs, Capulin, Hamburg
6 bbls, 68 cskg, Jas S Bent & Co, Nova Scotia, Saint John's
37 csks, from Nova Scotia
104 dms, Marden Wild Corpn, Nova Scotia, Halifax
CODLIVER—358 dms, Mead, Johnson & Co, Nova Scotia, Saint Johns's, N F
14 dms, Marden, Wild Corp, Nova Scotia, Saint John's, N F
PALM—3,035 tons, Balfour, Guthrie & Co, Schwarzes Meer, Opobo
1,659 tons, United Africa Co, Schwarzes Meer, Opobo
PEANUT—45 cs, Tung Hing Lung, President Polk, Hongkong
RAPESEED—100 dms, W R Grace & Co, Venice Maru, Kobe
SOD—25 bbls, J S Bent, American Banker, London
PEATMOSS—300 bls, 58,752 lbs, Peat Import Corp, Capulin, Hamburg
700 bls, 107,122 lbs, Peat Import Corp, Capulin, Hamburg
1,725 bls, 198,017 lbs, Capulin, Hamburg
1,300 bls, 199,031 lbs, Peat Import Corp, Capulin, Hamburg
PERFUME—1 cs, 132 lbs, Sarcoxie, Havre
PITCH, MARINE GLUE—6 crates, L W Ferdinand & Co, American Banker, London
ROSIN—1 cs, American Express Co, American Banker, London
SAWDUST—636 bgs, State Chemical Co, Maasdam, Rotterdam
SHELLAC—10 cs, 25 bgs, American Banker, London
10 bgs, 15 cs, J Henry Schroeder Banking Corp, Maasdam, Rotterdam
SILICON CARBIDE—630 bgs, 110,340 lbs, Higman Co, America, Gothenburg
SOAP—50 cs, 2,002 lbs, Conti Products Corp, Excambion, Leghorn
STARCH, POTATO—150 bgs, Arnold Hoffmann Co, Maasdam, Rotterdam
SOLUBLE—300 bgs, Guaranty Trust Co, Maasdam, Rotterdam
STEARIN—284 trcs, 129,994 lbs, Erfurt, Buenos Aires
SOAP, TOILET—60 cs, T D Downing Corp, American Banker, London
SODA PHOSPHATE TRI—6 bbls, Howe & French, Evangeline, Yarmouth
TANKAGE, GROUND—1,984 bgs, 220,854 lbs, Erfurt, Buenos Aires
THYME LEAVES—20 bls, President Polk, Marseilles
WATER, MINERAL—50 cs, S S Pierce Co, American Banker, London
110 cs, S S Pierce Co, President Polk, Marseilles
WAX, MONTAN—72 bgs, 11,111 lbs, Capulin, Hamburg
WITHERITE—50 trcs, Capulin, Middlesborough

Galveston Imports

CHEMICALS—50 bbls, Borkum, Hamburg
OIL—4,536 tons, Havsten, Manchester
418 dms, Narbo, Antwerp

Gloucester Imports

OIL, COD—116 bbls, from New Brunswick
11 bbls, F E Davis Fisheries, Tagati, Wilson's Beach, N B

Houston Imports

DISTILLATE, LUBRICATING — 68,000 bbls, Thomas H Wheeler, Aruba
MANGANESE—30 tons, Tampa, Oslo
OIL, CODLIVER—25 dms, Vasahelm, Aalesund

Los Angeles Imports

AGAR AGAR—800 lbs, Asama, Kobe
ALCOHOL—56,240 lbs, Kota Agoeng, Manila
ALUMINUM, LEAF—30 lbs, Kinai, Yokonama
AMMONIA, PHOSPHATE—2,240,000 lbs, Rosebank, Warfield
SULPHATE—100,800 lbs, Rosebank, Warfield
BABASSU KERNELS—440,930 lbs, West Ira, Maranhao
BARYTES ORE—100,760 lbs, Fella, Genoa
BONE MEAL—224,000 lbs, Golden Sun, Tsingtao
BRISTLES—100 lbs, Koyei, Kobe
CALCIUM ARSENATE—44,800 lbs, Mitwa, Kobe
CANARY SEED—44,490 lbs, West Ira, Buenos Aires
CHEMICAL COMPOUNDS—1,200 lbs, Asama, Yokohama
CINNAMON—10,100 lbs, Kota Agoeng, Colombo
CLAY, BALL — 469,410 lbs, Damsterdijk, Plymouth
FERTILIZER—50,000 lbs, Koryu, Kobe
100,000 lbs, Keisho, Yokohama
COCOA SHELLS—200,700 lbs, Damsterdijk, London
FISH LIVERS—6,540 lbs, Asosan, Japan
MEAL—500,010 lbs, Rosebank, Vancouver
100,000 lbs, Mitwa, Japan
373,990 lbs, Koryu, Kobe
GLASS, SHEET—12,500 lbs, Elbe, Breshau
3,150 lbs, Pacific Grove, Birmingham
8,730 lbs, Elbe, Brussels
GUM COPAL—19,810 lbs, Kota Agoeng, Singapore
7,710 lbs, Kota Agoeng, Macassar
DAMMAR—8,960 lbs, Kota Agoeng, Singapore
27,200 lbs, Kota Agoeng, Dutch East Indies
HEMPSEED—1,000,000 lbs, Golden Sun, Dairen
199,870 lbs, Golden Sun, Hongkong
HERBS—22,580 lbs, Sinaloa, Mexico
IRON OXIDE—24,490 lbs, Fella, Malaga
LIME—20,350 lbs, Capac, Colima
14,190 lbs, Capac, Manzanillo
39,930 lbs, Rosebank, Vancouver
HYDRATED—2,040 lbs, Rosebank, Vancouver
LINSEED MEAL—2,000,000 lbs, Koyei, Kobe
MAGNESIA SILICOFLUORIDE — 3,530 lbs, Damsterdijk, Rotterdam
MEDICINAL PREPS—4,500 lbs, from Belfast
OCHER POWD—12,170 lbs, Fella, Marseilles
OIL, CHINAWOOD—67,000 lbs, Mitwo, Shanghai
CODLIVER—33,000 lbs, Laurits Swenson, Bergen
COTTONSEED—534,220 lbs, Hardanger, Pernambuco
653,950 lbs, West Ira, San Paulo
ESSENTIAL—380 lbs, From Guaymas
EUCALYPTUS—820 lbs, Monterey, Sydney
EXPRESSED—40,000 lbs, Koyei, Kobe
KAPOKSEED—1,461,590 lbs, Kota Agoeng, Sourabaya
OLIVE—21,600 lbs, Fella, Leghorn
12,420 lbs, President Van Buren, Florence
34,300 lbs, Fella, Malaga
9,900 lbs, President Van Buren, Genoa
PERILLA—447,000 lbs, Kinai, Dairen
2,247,520 lbs, Nojima, Japan
602,490 lbs, Kinai, Japan
60,000 lbs, Koryu, Kobe
RAPESEED—760,000 lbs, Nojima, Kobe
40,000 lbs, Katsuragi, Kobe
2,422,080 lbs, Koryu, Japan
40,000 lbs, Heiyo, Calcutta
160,000 lbs, Nojima, Nagasaki
40,000 lbs, Nojima, Kobe
80,000 lbs, Kinai, Japan
PAPRIKA—14,300 lbs, Damsterdijk, Valencia
5,500 lbs, Nichteroy, Valencia
PEPPER, BLACK—10,600 lbs, Kota Agoeng, Batavia
PILCHARD MEAL—224,000 lbs, Rochelle, Vancouver
QUICK LIME—49,500 lbs, Kingsley, Canada
RESIN, SYN—80 lbs, Elbe, Berlin
SEAWEED—200 lbs, Koryu, Kobe
SESAME SEED—239,800 lbs, President Coolidge, China
89,640 lbs, Kinai, Shanghai
224,000 lbs, President Coolidge, Hankow
66,030 lbs, Nojima, Shanghai
224,000 lbs, Nojima, Hankow
504,900 lbs, Eidswold, Shanghai
SESAME—9,570 lbs, Fella, Rome
SOAP TOILET—130 lbs, Kroyu, Kobe
STARCH, POTATO—500 lbs, Koryu, Kobe
STEARIN, OLEO—56,250 lbs, Monterey, Melbourne
SUPERPHOSPHATE—449,900 lbs, Koryu, Kobe
TALLOW—4,841,110 lbs, Monterey, Sydney
949,960 lbs, Monterey, Melbourne
TAPIOCA FLOUR—13,400 lbs, Kota Agoeng, Batavia
TOILET PREPS—100 lbs, Koryu, Kobe
20 lbs, Damsterdijk, London

New Orleans Imports

ACID, CRESYLIC—47 dms, American Cyanamid & Chem Co, Frankfurt, Hamburg
BAUXITE ORE, CRUSHED—2,665 tons, Republic Mining & Mfg Co, Idndvangen, Paramaribo
CHEMICALS—72 cks, Advance Solvents & Chemical Corp, Frankfurt, Hamburg
COCONUTS—100 sks, Whitney Bank, Contessa, Cristobal
100 sks, Whitney Bank, Tivives, Cristobal
150 sks, Universal Import & Export Co, Port Antonio, Kingston
PEATMOSS—250 bls, Peat Import Corp, Frankfurt, Bremen

Norfolk Imports

BONE MEAL—4,400 bgs, Lucia C, Fiume
TAPIOCA FLOUR—276 bgs, 23 tons, New York Trust Co, Greystoke Castle, Sagay
250 bgs, Malayan Prince, Batavia

Philadelphia Imports

ACID, CRESYLIC—81 dms, Barrett Co, Manchester Brigade, Manchester
LINSEED OIL—39 dms, Black Eagle, Antwerp
120 dms, Leghorn Trading Co, Black Eagle, Rotterdam
NITRIC—62 carboys, African Metals Corp, Black Eagle, Antwerp
STEARIC—100 bgs, Innes, Speiden & Co, Black Eagle, Rotterdam
ALBUMEN, EGG, DUCK — 56 cs, Paul A Dunkel & Co, Venice, Shanghai
HEN—56 cs, Central Hanover Bank & Trust Co, Hokkai, Tientsin
56 cs, Central Hanover Bank & Trust Co, Hokkai, Tientsin
ANTIMONY METAL—500 cs, Irving Trust Co, Hokkai, Hankow
ASBESTOS, CRUDE—22 bgs, Keasby & Mattison Co, Manchester Brigade, Manchester
BAUXITE, CRUDE — 2,700 tons, Aluminum Union, Ltd, Aladdin, Georgetown, B G
CARAWAY SEED—35 bgs, Quaker City Coffee Mills, Black Eagle, Rotterdam
CASEIN, GROUND — 417 bgs, Argentino, Buenos Aires
CHEMICALS—350 cks, African Metals Corp, Black Eagle, Antwerp
112 tins, F B Vandegrift & Co, Black Eagle, Rotterdam
CHINA CLAY—1,184 tons, 1 cwt, Moore & Munger, Montreal City, Fowey
1,401 tons, 1½ cwt, English China Clays Sales Corp, Montreal City, Fowey
STONE, GROUND—124 tons, 12 cwt, English China Clays Sales Corp, Montreal City, Fowey
CLAY—156 cks, Black Eagle, Rotterdam
BALL — 155 tons, 14 cwt, English China Clays Sales Corp, Montreal City, Fowey
BLUE—160 tons, United Clay Mines Corp, Montreal City, Bristol
140 tons, 10 bgs, Thos H Sant & Sons Co, Montreal City, Bristol
100 tons, Moore & Munger, Montreal City, Bristol
60 tons, Moore & Munger, Montreal City, Fowey
40 tons, Hammill & Gillespie, Montreal City, Fowey
COCOA BEANS—1,584 bgs, Busi & Stephenson, Padnsay, Lagos
3,550 bgs, Balfour, Guthrie & Co, Padnsay, Lagos
2,000 bgs, Busi & Stephenson, Padnsay, Accra
2,800 bgs, Bank of British West Africa, Ltd, Padnsay, Accra
1,600 bgs, G B Ollivant, Padnsay, Accra
6,400 bgs, Balfour, Guthrie & Co, West Humhaw, Accra
5,600 bgs, Balfour, Guthrie & Co, West Humhaw, Takoradi
CORK, VIRGIN—6,682 bls, Armstrong Cork Co, Navemar, Lisbon
WOOD — 5,558 bls, Armstrong Cork Co, Navemar, Lisbon
FLINT STONES—112 cs, Buebendorf Bros, Black Eagle, Antwerp
GLASS, WINDOW—10 cs, V A Hermann & Co, Black Eagle, Antwerp
GLYCERIN, CRUDE — 22 dms, Scanyork, Copenhagen
GREASE, WOOL — 50 bbls, Manchester Brigade, Manchester
GYPSUM — 50 bgs, Whittaker, Clark & Daniels, Manchester Brigade, Manchester
HEMPSEED—675 bgs, Hokkai, Dairen
MANGANESE ORE — 9,020 tons, Electro Metallurgical Co, Sedgepool, Takoradi
MILK POWDER—1,670 bgs, Black Eagle, Rotterdam
MINERAL WATER — 80 cs, Philadelphia Wholesale Drug Co, Exermont, Marseilles
80 cs, Cooper Supply Co, Exermont, Marseilles
17 cs, J Wagner & Sons, Black Eagle, Antwerp
75 cs, E H Bailey & Co, Black Eagle, Rotterdam
MOLASSES—1,458,904 gls, North American Trading & Import Co, Kishacoquillas, San Juan
807,865 gls, North American Trading & Import Co, Winnetou, Antilla
581,557 gls, North American Trading & Import Co, Winnetou, Pastellilo
NAPHTHALENE—110 bgs, Barrett Co, Montreal City, Bristol
OCHRE—108 csks, F B Vandegrift & Co, Exermont, Marseilles (trans-shipped from Excalibur at New York)
OIL, COTTONSEED—267 dms, Argentino, Santos
CORN—55 dms, E F Houghton & Co, Black Eagle Antwerp
155,078 kilos, C F Simonins Sons, Black Eagle, Rotterdam
OLIVE—2 cs, Exermont, Catania
100 cs, Exermont, Leghorn
100 cs, Navemar, Genoa
515 cs, Navemar, Leghorn
RAPESEED—545 tons, Socony Vacuum Oil Co, Gitano, Hull
100 dms, W R Grace & Co, Venice, Nagoya
100 dms, Balfour, Guthrie & Co, Venice, Nagoya
OSSEINE—1,250 bgs, Milligan, Higgins Corp, Black Eagle, Antwerp
3,877 bgs, Black Eagle, Antwerp
PEATMOSS—475 bls, Premier Peat Moss Corp, Scanyork, Copenhagen
PETROLEUM, CRUDE—91,190 bbls, Atlantic Refining Co, Las Piedras
RAPESEED—150 bgs, Phila Seed Co, Black Eagle, Rotterdam
RUTILO TITANIUM ORE—750 bgs, Argentino, Santos
SALTPETER—466,000 kilos, First National Bank of Boston, Black Eagle, Rotterdam
SARDINE MEAL—1,000 bgs, Wilbur Ellis Co, Katsuragi, Yokohama
SOOT—60 csks, C A Wagner Co, Black Eagle, Rotterdam
TALLOW—280 dms, Montreal City, Bristol
TANKAGE—4,000 bgs, Chase National Bank, Argentino, Buenos Aires
424 cakes and 2 bgs, Phila National Bank, Argentino, Buenos Aires
2,993 bgs, Argentino, Buenos Aires
3,000 bgs, Argentino, Santos
ZINC-AMMONIUM CHLORIDE—21 csks, American Cyanamid & Chemical Corp, Black Eagle, Antwerp

Portland, Ore., Imports

COPRA—1,100 tons, Durkee Famous Foods, New York, Cebu
204 tons, Durkee Famous Foods, New York, Zamboanga
700 tons, Durkee Famous Foods, New York, Tacloban
OIL, CODLIVER—25 dms, Sunset Feed Mills, Laurits Swenson, Oslo
20 dms, John Todd, Laurits Swenson, Oslo
50 dms, Kinney Shipping Co, Laurits Swenson, Oslo
PARAFFIN, REFD—255 sks, Patterson Shipping Co, Somerville, Palembang

San Francisco Imports

ACID, FATTY—500 sks, Otis, McAllister & Co, Koyei, Yokohama
AMMONIA PHOSPHATE—1,000 sks, Balfour, Guthrie & Co, Rochelle, Vancouver (for Oakland)
BONE MEAL—2,000 sks, Taylor Milling Corpn, Golden Sun, Tsingtao
BRISTLES—130 cs, Frederick H Cone & Co, Golden Sun, Taku Bar
CALCIUM ARSENATE—400 dms, International Trading Co, Koyei, Yokohama
CHALK—167 tons, Winnipeg, Newcastle (optional Oakland discharge)
PRECIP—67 sks, H J Baker & Bros, Pacific Grove, Manchester
CHEMICALS—25 dms, Advance Solvents & Chemical Corpn, Nichteroy, Rotterdam
CHINA CLAY — 250 sks, and 178,753 kilos, Nichteroy, Rotterdam (for Oakland)
COCOA BEANS—154 sks, Wightman & Crane, Limerick, Apia
44 sks, Du Val Moore & Co, Limerick, Apia
COCONUTS—100 sks, Tropical Fruit Exchange, Nichteroy, Cristobal
COPRA—2,232 sks, Limerick, Apia
761 sks, Limerick, Suva
CORK FLOATS—129 bls, Fella, Barcelona
REFUSE—15 bls, Armstrong Cork Co, Fella, Barcelona
WASTE—1,200 bls, Armstrong Cork Co, Fella, Barcelona
COTTONSEED MEAL—2,000 sks, Taylor Milling Corpn, Koyei, Kobe
DEGRAS—2 cs, Koyei, Kobe
EGG YOLK, DUCK, DRIED—15 cs, Bashaw Co, Mitwo, Shanghai
HEN, DRIED—336 cs, Stein, Hall & Co, Golden Sun, Taku Bar
FERTILIZER — 400 sks, Sun Trading Co, Koyei, Kobe
1,000 sks, International Trading Co, Koyei, Yokohama
FIRECLAY—40 sks, W E Mushet Co, Winnipeg, Newcastle

GLASS, WINDOW—16 cs, Pacific Grover, Manchester
15 cs, S Goodman, Pacific Grove, Manchester
HEMPSEED — 1,322 sks, S L Jones & Co, Mitwo, Dairen
1,355 sks, M W Park & Co, Golden Sun, Dairen
4,867 sks, Balfour, Guthrie & Co, Golden Sun, Dairen
7,416 sks, Mitsubishi Shoji Kaisha, Golden Sun, Dairen
2,034 sks, M W Park & Co, Golden Sun, Dairen
22,497 sks, Golden Sun, Dairen
HERBS, MEDICINAL—64 bls, Fella, Trieste
IRON OXIDE, RED—5 bbls, Richard-Coulston, Fella, Malaga
40 bls, Marshall Dill, Fella, Malaga
105 bls, C J Osborn Co, Fella, Malaga (for Oakland)
LARD COMP—100 cs, Otis, McAllister Co, Koyei, Yokohama
LINSEED MEAL—2,000 sks, Mitsubishi Shoji Kaisha, Heiyo, Osaka
500 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
4,000 sks, Taylor Milling Corpn, Koyei, Kobe
2,000 sks, Wilbur-Ellis Co, Koyei, Kobe
MENTHOL—25 cs, Ungerer & Co, Golden Sun, Otaru
25 cs, Mitsui & Co, Golden Sun, Otaru
45 cs, Bridges Neumer & Co, Golden Sun, Otaru
MUSTARD—50 cs, Schumacher Bros, Winnipeg, Havre
73 cs, Atlantis Sales Co, Nichteroy, London
OCHER — 8 csks, Richard-Coulston, Fella, Barcelona
OIL, CHINAWOOD—300 dms, East Asiatic Co, Mitwo, Shanghai
162 dms, Pacific Vegetable Oil Corpn, Mitwo, Shanghai
164 dms, C B Jennings Co, Golden Sun, Shanghai
COTTONSEED — 250 dms, Durkee Famous Foods, Koyei, Kobe
COTTONSEED, SEMI-REFD—1100 dms, Mitsui & Co, Koyei, Kobe
CRUDE—495 bbls, Standard Oil Co of California, H M Storey, Bahrein
OLIVE—50 dms, American Trust Co, Nichteroy, Rotterdam
100 dms, Fella, Leghorn
101 dms, Fella, Genoa
465 dms, Fella, Malaga
PERILLA—200 dms, Pacific Vegetable Oil Corpn, Mitwo, Kobe
150 dms, S L Jones & Co, Mitwo, Kobe
450 dms, S L Jones & Co, Mitwo, Nagoya
323 tons, Mitsubishi Trading Co, Golden Sun, Osaka
150 dms, Mitsui & Co, Heiyo, Moji
200 dms, Pacific Vegetable Oil Corp, Heiyo, Kobe
100 dms, Durkee Famous Foods, Heiyo, Kobe
300 dms, Irving R Boody & Co, Heiyo, Moji
610 dms, Pacific Vegetable Oil Corp, Koyei, Kobe
250 dms, Durkee Famous Foods, Koyei, Kobe
1,530 dms, S L Jones & Co, Koyei, Kobe
150 dms, Mitsubishi Shoji Kaisha, Koyei, Kobe
363,390 lbs in bulk, S L Jones & Co, Koyei, Kobe
434,199 lbs in bulk, Mitsubishi Trading Co, Koyei, Kobe
100 dms, Pacific Vegetable Oil Corp, Koyei, Yokohama
RAPESEED—300 dms, Irving R Boody & Co, Heiyo, Moji
SPERM, CRUDE—25 dms, S L Jones & Co, Koyei, Kobe
OIL, VEGETABLE—100 cs, Pacific Trading Co, Koyei, Kobe
10 cs, Nippon Co, Koyei, Yokohama
PEANUT MEAL—500 sks, Mitsubishi Shoji Kaisha, Golden Sun, Tsingtao
PERILLA SEED—2,358 sks, Golden Sun, Dairen
PILCHARD MEAL—2,000 sks, Wilbur-Ellis Co, Rochelle, Kildonan, B C
2,000 sks, Wilbur-Ellis Co, Rochelle, Ecoole, B C
2,000 sks, Calkins & Burke, Rochelle, Toquart, B C
600 sks, Wilbur-Ellis Co, Rochelle, Toquart, B C
2,000 sks, Calkins & Burke, Rochelle, Kildonan, B C (for Stockton)
2,000 sks, Calkins & Burke, Rochelle, Ecoole, B C, (for Stockton)
1,900 sks, James Farrell & Co, Rochelle, Nootka, B C (for Oakland)
2,485 sks, Wilbur-Ellis Co, Rochelle, Ceepeecee, B C
RAPESEED—300 sks, Pacific Grove, Manchester
MEAL—300 sks, International Trading Co, Koyei, Yokohama
SAGE LEAVES—45 bls, Fella, Trieste
SAND—15 sks, M Whitehead Bros Co, Winnipeg, Havre
SARDINE MEAL—2,000 sks, Mitsubishi Shoji Kaisha, Mitwo, Kobe
1,010 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
600 sks, Balfour, Guthrie & Co, Koyei, Yokohama
4,000 sks, Taylor Milling Corp, Koyei, Yokohama
1,000 sks, Otto Sales Co, Koyei, Yokohama
SESAME SEED—110 sks, S L Jones & Co, Heiyo, Hongkong
SIENNA—25 cks, Reichard-Coulston, Fella, Leghorn
40 bbls, Fella, Leghorn
SOAP—150 cs, Nichteroy, Rotterdam
SULPHUR, LUMP, REF'D—200 sks, International Trading Co, Koyei, Yokohama
SUPERPHOSPHATE, DOUBLE — 560 sks, American Foreign Sales Co, Mitwo, Kobe
1,600 sks, Mitsui & Co, Koyei, Kobe
TOILET PREP'S — 3 cs, North American Mercantile Co, Koyei, Yokohama
2 cs, Mutual Supply Co, Koyei, Yokohama
WATER, MINERAL—105 cs, Fella, Barcelona

Savannah Imports

PETROLEUM, CRUDE—8,567 tons, Madrono, Las Piedras
WATER, MINERAL—251 cs, 251 ctns, Stureholm, Oslo

Seattle Imports

CHALK, CRUDE—150 tons, Pacific National Bank, Laurits Swenson, Brevik
OIL, CODLIVER—750 dms, Girdwood Shipping Co, Laurits Swenson, Oslo
TAR—70 bbls, Haram & Wiig, Laurits Swenson, Oslo

Tacoma Imports

BLEACHING POWDER—65 dms, Wilson & George Meyer & Co, Seattle, Hamburg
OIL, CODLIVER—25 dms, Kenworthy Grain & Milling Co, Laurits Swenson, Oslo
PEATMOSS—100 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo
TAPIOCA FLOUR—112 sks, W J Byrnes & Co, Silverbelle, Sourabaya

Exports from U.S. Ports

New York Exports

Clearance Dates

Alegrete, August 14; American Trader, August 7; Ancon, July 28; Belgian Gulf, August 13; Bergensfjord, July 31; Black Condor, August 13; Black Gull, August 8; Buenaventura, July 21; Calamares, August 8; Champlain, July 30; Coamo, August 13; Coldbrook, August 7; Cumbal, August 7; Excalibur, August 4; Fjeld, August 7; Fort Townshend, August 7; Georgic, August 7; Guayaquil, August 4; Hallaren, August 6; Henry S. Grove, August 1; Hoegh Transporter, July 31; Ile de France, August 12; Lagaholm, July 31; Lossiebank, August 6; Martinique, August 11; Mauna Ala, August 10; Malayan Prince, August 10; Oriente, August 1; Pastores, August 6; Ponce, August 7; Rydboholm, August 12; Santa Clara, July 31; Scanstates, August 7; Schodack, August 5; Severoles, August 7; Southern Prince, August 7; Steel Navigator, August 4; Tai Shan, July 30; Volendam, West Kebar, August 5; Westernland, August 7

ACETONE—3,780 lbs, Henry S Grove, Port Elizabeth
ACID, MURIATIC—28,566 lbs, Ponce, Ponce
SULPHURIC—4,400 lbs, Henry S Grove, Port Elizabeth
TARTARIC—2,400 lbs, Calamares, Porto Colombia
ALCOHOL, BUTYL — 1,265 gls, Schodack, Havre; 330 gls, Rydboholm, Gothenburg
ALOIN—875 lbs, American Trader, London
AMMONIA, ANHYD—5,527 lbs, Ponce, San Juan; 3,872 lbs, Guayaquil, Colon
ASPHALT—11,086 lbs, American Trader, London; 119,670 lbs, Henry S Grove, Port Natal; 205,236 lbs, Black Condor, Rotterdam; 197,808 lbs, Alegrete, Rio de Janeiro
FLUX—(Henry S Grove) 49,995 lbs, East London; 111,529 lbs, Port Natal
LIQUID—12,403 lbs, Bergensfjord, Trondhjem
BENZOL—10,120 gls, Estrella, Lisbon
BLACK, BONE—600 lbs, Lagaholm, Gothenburg
BUTYL ACETATE—5,316 lbs, Rydboholm, Gothenburg
CALCIUM CARBIDE—21,300 lbs, Ancon, Ampapala
CHLORIDE—7,180 lbs, Ancon, Colon
CHEMICALS—34,569 lbs, Lagaholm, Gothenburg; 15,614 lbs, Black Gull, Antwerp
CHLORINE, LIQ—(Guayaquil) 1,139 lbs, Porto Barrios; 7,859 lbs, Porto Colombia
CHLOROPICRIN—2,796 lbs, Steel Navigator, Honolulu
CLAY—40,000 lbs, Bergensfjord, Oslo; 20,400 lbs, American Trader, London
COLOR, DRY—1,947 lbs, Calamares, Porto Colombia
CORN FLOUR—35,250 lbs, Tai Shan, Manila
SYRUP—(Steel Navigator) 8,643 lbs, Honolulu; 1,680 lbs, Port Allen; 1,202 lbs, Malayan Prince, Manila; (Mauna Ala) 14,385 lbs, Honolulu; 2,829 lbs, Kahului; 4,116 lbs, Port Allen
DICHLORODIFLUOROMETHANE—2,371 lbs, Rydboholm, Stockholm
DISINFECTANT—2,640 lbs, Calamares, Porto Colombia
DRUGS—6,903 lbs, American Trader, London
DYES—6,854 lbs, Black Gull, Antwerp; 2,684 lbs, Yucatan, Vera Cruz; 1,316 lbs, Black Condor, Rotterdam
FERTILIZER—(Mauna Ala) 814,400 lbs, Honolulu; 203,600 lbs, Hilo
FORMALDEHYDE—1,007 lbs, Steel Navigator, Honolulu
GLASS, PLATE—29,380 lbs, Georgic, London
GLUCOSE, SOLID—2,030 lbs, Henry S Grove, Capetown
GLUE, VEG—2,020 lbs, Henry S Grove, Port Natal
GREASE, LUBRICATING—6,116 lbs, Scanstates, Copenhagen; (Lossiebank) 17,340 lbs, Manila; 352,376 lbs, Shanghai; 26,010 lbs, Tai Shan, Manila; (Schodack) 1,254 lbs, Havre; 47,622 lbs, Dunkirk; 1,560 lbs, West Kebar, Dakar; 1,784 lbs, Lagaholm, Gothenburg; (Hoegh Transporter) 3,361 lbs, Genoa; 18,614 lbs, Fiume; 14,004 lbs, Venice; 31,043 lbs, Black Gull, Antwerp; (Bergensfjord) 13,864 lbs, Tonsberg; 11,343 lbs, Oslo; (Southern Prince) 5,060 lbs, Rio de Janeiro; 14,525 lbs, Mombasa; 5,760 lbs, Guayaquil, Cristobal; (Estrella) 4,196 lbs, Lisbon; 3,790 lbs, Algiers; 57,681 lbs, Saigon; 9,839 lbs, Rydboholm, Malmo
HYDROQUINONE—620 lbs, Lagaholm, Stockholm
INFUSORIAL EARTH—11,200 lbs, Henry S Grove, Port Natal
INK, PRINTING — 17,985 lbs, Coldbrook, Montevideo
INSECTICIDE — 7,855 lbs, Southern Prince, Buenos Aires
AGRICULTURAL — (Scanstates) 20,160 lbs, Gothenburg; 11,392 lbs, Helsingfors; 17,264 lbs, Rydboholm, Helsingfors
HOUSEHOLD—2,621 lbs, Steel Navigator, Honolulu; 4,200 lbs, Malayan Prince, Manila; 5,616 lbs, Bergensfjord, Oslo; 13,075 lbs, Henry S Grove, Lourenco Marques
KEROSENE—350 gls, Fjeld, St Martin; 1,000 gls, Estrella, Casablanca; (Martinique) 5,840 gls, Cape Haiti; 1,920 gls, Port Paix; 4,130 gls, Gonaives; 2,840 gls, Jeremie
LACQUER—2,022 lbs, Coldbrook, Santos; 1,951 lbs, Malayan Prince, Manila; (Henry S Grove) 8,800 lbs, Capetown; 2,509 lbs, East London; 1,420 lbs, Rydboholm, Gothenburg
THINNER—1,375 gls, Henry S Grove, Port Elizabeth; 770 gls, Estrella, Marseilles
LARD — (Scanstates) 8,920 lbs, Gothenburg; 6,400 lbs, Copenhagen-Oslo; 25,200 lbs, Westernland, Antwerp; (Ponce) 9,651 lbs, San Juan; 8,000 lbs Mayaguez; 51,663 lbs, American Trader, London; 5,400 lbs, Bergensfjord, Sandefjord; 23,855 lbs, Guayaquil, Panama
LEAD, BLUE—2,376 lbs, Lagaholm, Gothenburg; 4,748 lbs, Bergensfjord, Sandefjord
RED—7,847 lbs, Lossiebank, Manila; 5,580 lbs, Bergensfjord, Oslo
WHITE—1,976 lbs, Calamares, Puerto Colombia; 10,363 lbs, Bergensfjord, Oslo
LINSEED CAKE — 1,333,378 lbs, Schodack, Dunkirk; 225,636 lbs, Volendam, Rotterdam
LITHARGE—5,313 lbs, Buenaventura, Puerto Bolivar
NAPHTHA—(West Kebar) 11,000 gls, Dakar; 10,000 gls, Port Bouet; 17,000 gls, Sassandra; 7,000 gls, Saltpond; 10,000 gls, Accra; 7,500 gls, Keta; 5,000 gls, Lome; 2,000 gls, Abonema Degama; 5,000 gls, Calabar; 4,000 gls, Opobo
OIL, BUNKER—2,100 gls, Martinique, Fort Liberte
CAMPHOR—2,284 lbs, Henry S Grove, Capetown
COPN—(Ponce) 5,416 lbs, San Juan; 1,165 lbs, Mayaguez; 875 lbs, Mauna Ala, Honolulu
OIL, CYLINDER—2,669 tons, Belgian Gulf, Antwerp
ESSENTIAL—16,662 lbs, American Trader, London
GAS—2,750 gls, West Kebar, Sassandra; (Estrella) 7,150 gls, Lobito/Loanda; 6,325 gls, Cotonou
LUBRICATING—(Schodack) 8,400 gls, Havre; 42,756 gls, Dunkirk; (Champlain) 28,770 gls, Havre; 6,300 gls, St Nazaire; (West Kebar) 2,040 gls, Dakar; 5,200 gls, Port Bouet; 1,540 gls, Keta; 2,510 gls, Port Harcourt; 2,065 gls, Fuelo, Trinidad; 12,000 gls, Westernland, Antwerp; (Scanstates) 4,200 gls, Copenhagen; 9,900 gls, Stockholm; (Coldbrook) 15,900 gls, Rio de Janeiro; 10,500 gls, Santos; 2,695 gls, Montevideo; (Excalibur) 3,500 gls, Marseilles; 2,150 gls, Philipsville; 5,550 gls, Lossiebank, Manila; 3,740 gls, Caamares, Colon; (Bergensfjord) 4,767 gls, Trondhjem; 10,932 gls, Bergen; 38,240 gls, Oslo; (Southern Prince) 4,394 gls, Rio de Janeiro; 2,394 gls, Montevideo; 5,960 gls, Buenos Aires; (Henry S Grove) 9,880 gls, Port Natal; 17,875 gls, Beira; (Laganholm) 840 gls, Stockholm; 1,595 gls, Malmo; 2,268 gls, Hallaren; 2,268 gls, 13,730 tons, Belgian Gulf, Antwerp; 4,116 gls, Hoegh Transporter, Naples; 5,040 gls, American Trader, London; 1,375 gls, Yucatan, Vera Cruz; 2,000 gls, Cumbal, Buenaventura; 4,125 gls, Guayaquil, Callao; 7,700 gls, Santa Clara, Callao; 75,757 gls, Georgic, London; 12,130 gls, Volendam, Rotterdam; (Estrella) 12,230 gls, Oporto; 6,840 gls, Lobito/Loanda; 1,375 gls, Bone; 2,508 gls, Oran; 9,304 gls, Algiers; 8,800 gls, Saigon; (Alegrete) 7,150 gls, Rio de Janeiro; 3,850 gls, Santos; 5,065 gls, Rio Grande; 2,200 gls, Porto Alegre; (Ile de France) 24,205 gls, Havre; 4,200 gls, La Rochelle; 20,025 gls, Rydboholm, Stockholm; 1,650 gls, Coamo, Ciudad
MINERAL—2,436 gls, Bergensfjord, Drammen; 5,540 gls, Santa Clara, Talcahuano; 1,925 gls, Georgic, London
OLEO—(Scanstates) 23,662 lbs, Oslo-Copenhagen; 23,495 lbs, Copenhagen; (Lagaholm) 11,750 lbs, Gothenburg; 35,297 lbs, Stockholm; 11,703 lbs, Landskrona; 23,144 lbs, Malmo; 4,496 lbs, American Trader, London; 105,934 lbs, Georgic, London; 30,649 lbs, Volendam, Rotterdam
PEPPERMINT — 910 lbs, Excalibur, Marseilles; 1,191 lbs, Schodack, Havre; 1,660 lbs, American Trader, London; 325 lbs, Bergensfjord, Oslo
PINE—1,427 lbs, West Kebar, Takoradi; 1,884 lbs, Bergensfjord, Haugesund
PAINT—25,452 lbs, Severoles, Nuevitas; 2,075 lbs, Ponce, Mayaguez; 10,515 lbs, Malayan Prince, Manila; 57,195 lbs, Black Gull, Antwerp; 3,763 lbs, Calamares, Belize; (Henry S Grove) 21,978 lbs, Port Elizabeth; 11,335 lbs, Port Natal
PALM KERNEL MEAL—226,240 lbs, Black Condor, Rotterdam
PARAFFIN—(Scanstates) 33,367 lbs, Copenhagen; 33,367 lbs, Stockholm; 45,369 lbs, Coldbrook, Buenos Aires; 11,122 lbs, Lagaholm, Stockholm; 2,075 lbs, Ponce, Mayaguez; 21,010 lbs, Malayan Prince, Manila; (Hoegh Transporter) 110,162 lbs, Trieste; 11,100 lbs, Susak; 33,300 lbs, Pastores, Puerto Colombia; (Bergensfjord) 4,448 lbs, Sarpsborg; 4,449 lbs, Kristiansand; 4,448 lbs, Oslo; (santa Clara) 45,610 lbs, Salaverry; 62,115 lbs, Mollendo; 8,243 lbs, Estrella, Oporto; (Alegrete) 38,405 lbs, Rio de Janeiro; 26,048 lbs, Puerto Alegre
SCALE—75,310 lbs, Steel Navigator, Shanghai
PETROLEUM, REFD—(West Kebar) 4,000 gls, Dakar; 2,500 gls, Marshall; 2,500 gls, Cape Palmas; 3,500 gls, Sassandra; 6,500 gls, Saltpond; 10,000 gls, Accra; 1,500 gls, Keta; 15,000 gls, Lome; 15,000 gls, Calabar; 12,000 gls, Opobo
POTASH, CAUSTIC—44,878 lbs, Bergensjord, Oslo
MURIATE—223,000 lbs, Hoegh Transporter, Fiume
ROOTS—11,313 lbs, American Trader, London
ROSIN—9,808 lbs, American Trader, London
SCOURING COMP—6,935 lbs, Ancon, Cristobal
SOAP—78,360 lbs, Malayan Prince, Manila; 9,721 lbs, Ancon, Colon; 4,850 lbs, Mauna Ala, Honolulu
LAUNDRY—11,500 lbs, West Kebar, Marshall; 44,299 lbs, Coamo, Ciudad; 23,400 lbs, Martinique, Port Paix
SODA ASH—(Coldbrook) 42,604 lbs, Rio de Janeiro; 78,067 lbs, Buenos Aires; 51,115 lbs, Yucatan, Vera Cruz
BICARBONATE — 6,100 lbs, Mauna Ala, Honolulu
BICHROMATE—7,581 lbs, Coldbrook, Rio de Janeiro
BROMIDE—23,816 lbs, Scanstates, Leningrad
CARBONATE—1,127 lbs, Steel Navigator, Honolulu
CAUSTIC—230,016 lbs, Lossiebank, Shanghai; 12,360 lbs, Steel Navigator, Honolulu; 11,800 lbs, Calamares, Porto Colombia; 6,245 lbs, Ancon, Cristobal; 175,510 lbs, Yucatan, Vera Cruz; 96,022 lbs, Santa Clara, Valparaiso
HYPOSULPHITE—9,010 lbs, Malayan Prince, Manila
SILICATE — 3,357 lbs, Calamares, Porto Armuelles
SULPHITE — 1,408 lbs, Steel Navigator, Honolulu
STARCH—1,360 lbs, Henry S Grove, Port Natal
CORN—21,400 lbs, Scanstates, Gothenburg-Stockholm; 22,325 lbs, Steel Navigator, Honolulu; 13,372 lbs, Lossiebank, Manila; (Ponce) 500 lbs, San Juan; 1,000 lbs, Mayaguez; 390 lbs, Calamares, Porto Armuelles; 13,030 lbs, Henry S Grove, Beira; 1,265 lbs, Ancon, Amapala; (Mauna Ala) 17,501 lbs, Honolulu; 2,441 lbs, Kahului; 4,326 lbs, Port Allen; 2,494 lbs, Coamo, Ciudad; 4,440 lbs, Rydboholm, Gothenburg
TALC—30,080 lbs, Black Gull, Antwerp
TITANIUM LITHOPONE—21,500 lbs, Georgic, London
TURPENTINE—250 gls, Henry S Grove, Port Elizabeth; 5,000 gls, Alegrete, Rio de Janeiro
UREA, CRYST—2,020 lbs, Hoegh Transporter, Trieste
VARNISH—2,799 lbs, Schodack, Havre; 12,075 lbs, Hoegh Transporter, Genoa; 1,002 lbs, Mauna Ala, Honolulu; 8,152 lbs, Guagaquil, Cristobal
WHITING—29,760 lbs, Buenaventura, Port Prince
WITCH HAZEL EXTRACT—4,907 lbs, American Trader, London; 988 lbs, Coamo, San Juan
ZINC OXIDE—4,110 lbs, Georgic, London

Baltimore Exports

Clearance Dates

Black Condor, August 6; Chester, August 10; City of Havre, August 6; Estrella, August 8; Kwanto Maru, August 5; Mauna Ala, August 7; Manchester Brigade, August 10; Nagara Maru, August 11; San Rafael, August 8; Swinburne, August 11

ABRASIVE—1,019 lbs, Black Condor, Moll
ACID, 286 lbs, San Rafael, Panama
CHROMIC—4,400 lbs, Black Condor, Antwerp; 5,500 lbs, City of Havre, Gothenburg
ALCOHOL, BUTYL—11,160 lbs, Manchester Brigade, Manchester
AMMONIA SULPHATE—698 tons, Mauna Ala, Honolulu
BUTYL ACETATE—22,456 lbs, Manchester Brigade, Manchester
CHALK, PREPARED — 1,260 lbs, Kwanto Maru, Osaka
CHEMICALS—36 lbs, San Rafael, Panama
CHERRY BARK—2,137 lbs, City of Havre, London
COTTON ROOT BARK—292 lbs, City of Havre, London
DYESTUFFS—1,000 lbs, Nagara, Yokohama
ENAMEL FRIT—1,800 lbs, Black Condor, Antwerp
FRIT MATERIAL—11 lbs, Black Condor, Antwerp
GLASS FRIT, CRUSHED—11,000 lbs, Manchester Brigade, Manchester
GREASE, LUBRICATING—72,230 lbs, Kwanto, Osaka; 4,074 lbs, Black Condor, Amsterdam
GUM, KARAYA—105 lbs, City of Havre, London
INSECTICIDE—55 gls, Estrella, Casablanca; (Mauna Ala) 2,400 lbs, Honolulu; 1,020 lb, Hilo; 103 gls, San Rafael, Granada
POWD—375 lbs, City of Havre, Korvo
OIL, LUBRICATING — 7,025 gls, Kwanto, Osaka; 22 bbls, Black Condor, Antwerp; 252 bbls, Swinburne, Buenos Aires
MINERAL—26,837 lbs, Estrella, Marseilles
PEPPERMINT—3,900 lbs, City of Havre, London
PAINT, PREPARED—144 lbs, City of Havre, London; 50 gls, Mauna Ala, Honolulu
STARCH, CORN—144,000 lbs, Black Condor, Antwerp
SUPERPHOSPHATE—1,477 tons, Chester, Wallaceburg
TANNING EXTRACT—22,046 lbs, San Rafael, Talcahuano

Beaumont Exports

Clearance Dates

Frontenac, August 5; Havprins, August 12; Nashaba, August 7; Sylvan Arrow, August 6

BLACK, CARBON—199 tons, Nashaba, London
PETROLEUM, CRUDE—86,000 bbls, Frontenac, Montreal; 12,362 tons, Sylvan Arrow, Havre; 93,800 bbls, Havprins, Montreal

Boston Exports

Clearance Dates

American Shipper, August 8; Darien, August 6; Evangeline, August 7; 11; Laconia, August 1; Liberty, August 1; Saint John, July 31; August 2; 9; 11; Samaria, August 8; Yarmouth, August 2; 8.

AMMONIA—10 cs, 170 lbs, Evangeline, Windsor
BONZOATE—1 bx, 5 lbs, Liberty, London
BLUE, LAUNDRY—2 cs, 100 lbs, Yarmouth, Halifax
BRISTLES—(Saint John) 1 crtn, 50 lbs, St John; 1 cs, 115 lbs, Saint John, Fairville
CEMENT, RUBBER—1 bx, Liberty, Helsingborg; 2 bbls, 100 gls, Darien, Havana
SHOE—2 pkgs, 113 lbs, Darien, San Jose
CLEANING POWDER—1 crtn, 24 lbs, Samaria, London
DRESSING, LEATHER—1 cs, 31 lbs, Laconia, Leicester; 1 bx, 6 gls, Liberty, Helsingfors
SHOE—4 bbls, 20 cs, Darien, Havana
EMERY—2 bxs, Liberty, Bremen
FELDSPAR—167 bbls, 50,900 lbs, American Shipper, Manchester
FINISH, LEATHER—2 bxs, 12 gls, Liberty, Czechoslovakia
FENUGREEK SEED—6 bgs, 1,188 lbs, Saint John, St John
GARNET ROCK—200 bgs, Liberty, Bremen
GREASE—3 bbls, 683 lbs, Laconia, Coventry
GUM—1 kg, 136 lbs, Laconia, Chromopet
INK, PRINTING—1 cs, 102 lbs, Samaria, Manchester; 1 cs, 76 lbs, Liberty, London
WRITING—1 crtn, 14 lbs, Darien, Corozal
INSECTICIDE—1 dm, 361 lbs, Darien, Havana
INVALIDS' FOOD—16 bxs, 380 lbs, Darien, Havana
LINING COMP—(Liberty) 11 dms, 992 lbs, London; 24 dms, 1,152 lbs, Malmo; 10 dms, 2,472 lbs, Liberty, Havre
OCHER—4 bbls, Darien, Havana
OIL, CREOSOTE—5 bbls, 275 gls, Evangeline, Halifax; 10 dms, 550 gls, Saint John, St John
HEMLOCK—1 bx, 2 gls, Liberty, Helsingborg
LUBRICATING—10 dms, 15,099 lbs, Evangeline, Yarmouth; (Laconia) 5 bbls, 2,033 lbs, Chromepet; 1 cs, 15 gls, Liverpool; (Saint John) 7 bbls, and 3 dms, Saint John, St John; N B 6 dms, Charlottetown
PASTE, ADHES—15 dms, 808 lbs, Liberty; London; 10 cans, 510 lbs, Darien, Havana
PUTTY—1 pail, 25 lbs, Evangeline, Yarmouth
ROSIN—2 dms, 800 lbs, Darien, Havana
SOAP, FLAKE—33 cs, 1,103 lbs, Darien, Havana
TAR—110 cs, 2,756 lbs, Darien, Havana
TOILET—60 cs, 1,830 lbs, Darien, Havana
SODA ALUMINA SULPHATE—10 bbls, 3,350 lbs, Saint John, St John
PHOSPHATE TRI—6 bbls, 1,950 lbs, Evangeline, Yarmouth
SOLDER FLUX—100 dms, 13,500 lbs, Liberty, London
STARCH—2 dms, 55 lbs, Liberty, Havre
TURPENTINE, GUM—25 dms, Yarmouth, Halifax; 5 bbls, 254 gls, Evangeline, Yarmouth; (Saint John) 5 dms, 1,960 lbs, Moncton; 10 dms, 579 gls, St John
VANILA BEANS—3 cs, 394 lbs, Saint John, St John

Corpus Christi Exports

Clearance Dates

Burano, August 4; Hadnot, August 7; Teresa Odero, August 4

OIL, GAS—139 bbls, Teresa Odero, Girbraltar
FUEL—3,529 bbls, Teresa Odero, Gibraltar; 2,801 bbls, Hadnot, Carteret
PETROLEUM, CRUDE—68,988 bbls, Teresa Odero, Gibraltar; 41,849 bbls, Burane, Gibraltar; 66,640 bbls, Hadnot, Carteret

Galveston Exports

Clearance Dates

Blommersdyk, August 10; Borkum, August 5; Cripple Creek, August 8; Ditmar Koel, August 8; Navasli, August 10; Teapa, August 11; Vasaholm, August 7

CONCENTRATES—31 tons, Cripple Creek, Liverpool
MOLYBDENITE CONC—134 tons, Blommersdyk, Antwerp
OIL, FUEL—300 bbls, Teapa, Alvaro Obregon
SULPHUR—60 tons, Borkum, Hamburg; (Vasaholm), 210 tons, Gothenburg; 1,050 tons, Rynovaliniemi; 210 tons, Kotka; 525 tons, Wallvik; (Ditmar Koel), 600 bgs, Bremen; 500 tons, Wallvik; (Cripple Creek), 500 tons, Liverpool; 1,800 tons, Manchester; 80 tons, Blommersdyk, London; (Navasli), 850 tons, St John; 800 tons, Liverpool; 3,250 tons, Port Alfred

Houston Exports

Clearance Dates

Blommersdijk, August 10; Belgian Gulf, August 5; Bruxelles, August 6; Custodian, August 5; Ditmar Koel, August 6; Elusa, August 5; Genevieve Lykes, August 5; Gorm, August 8; Ida, August 6; Kattegat, August 8; Megara, August 11; Mijdrecht, August 10; Spondilus, August 6; Tampa, August 6

BLACK, CARBON — 4,000 bgs, Custodian, Liverpool-Manchester; 1,350 bgs, Ida, Trieste; (Tampa) 250 cs, Copenhagen; 105 cs, Gothenburg; 100 cs, Gdynia; 70 cs, Oslo; 500 bgs, Ditmar Koel, Bremen-Hamburg; (Bruxelles) 100 tons, Havre; 100 tons, Antwerp; (Gorm) 30 tons, Copenhagen; 30 tons, Gdynia; (Blommersdijk) 38 tons, London; 25 tons, Antwerp
BUTANE—1,300 tons, Megara, Pauillac
CLAY—500 bgs, Tampa, Gothenburg
GASOLINE—10,000 tons, Mijdrecht, England
OIL, GAS—(Elusa) 1,200 tons. Bruges; 7,200 tons, Holland; 9,500 tons, Spondilus, a safe port in Greece; 76,000 bbls, Kattegat, Hamburg
LUBRICATING—33,355 bbls, Belgian Gulf, Antwerp; (Genevieve Lykes) 10 tons, Port au Prince; 23 tons, Ciudad Trujillo

Lake Charles Exports

Clearance Dates

Custodian, August 1; Monvantara, August 1; Mosvold, August 1

OIL, PINE—6 dms, Custodian, Manchester
PETROLEUM, CRUDE—91,193 bbls, Mosvold, Hamburg; 93,140 bbls, Monvantara, Montreal

Los Angeles Exports

Clearance Dates

Azumasan, July 29; Baldhill, August 5; Bengalen, July 23; Chiriqui, August 1; City of Derby, August 8; Cuzco, August 1; Dinteldijk, August 1; Este, August 4; Gaelic Star, August 3; Golden Bear, August 3; Kanawak, August 3; Koyei, August 3; Memphis City, August 3; Nansenville, August 8; President Coolidge, August 3; Providencia, August 10; Ramapo, August 5; Rochelie, August 4; San Antonio, August 6; Siamese Prince, July 31; Sidney M Hauptman, August 4; Tacoma, August 3; Thurland Castle, August 3; Wyoming, August 6

ACID, BORIC—(Gaelic Star) 200 bgs, 22,400 lbs, Glasgow; 200 bgs, 22,400 lbs, London; 1,000 bgs, 112,000 lbs, Liverpool; 200 bgs, 22,400 lbs, Rotterdam; 116 bgs, 12,990 lbs, Brimanger, Havre
AMMONIA, BORATE—10 cks, 2,240 lbs, Nansenville, London
ASPHALT—20 dms, 8,960 lbs, Cuzco, Guayaquil
BLACK, CARBON — 1,250 lbs, Bengalen, Batavia
BORATE—795 bgs, 120,670 lbs, Koyei, Osaka; (Nansenville) 500 bgs, 55,590 lbs, Liverpool; 5,180 bgs, 868,130 lbs, London; (Este) 4,760 sks, 747,820 lbs, Hamburg; 5,840 bgs, 890,190 lbs, Bremen; 13,110 bgs, 2,178,270 lbs, Tacoma, Hamburg
BORAX—(Gaelic Star) 2,000 bgs, 224,000 lbs, Glasgow; 1,000 bgs, 112,000 lbs, Newcastle; 4,194 bgs, 492,130 lbs, London; 4,400 bgs, 492,800 lbs, Liverpool; 800 bgs, 89,600 lbs, Rotterdam; (Koyei) 181 bgs, 19,960 lbs, Yokohama; 1,995 bgs, 219,950 lbs, Osaka; (Azumasan) 720 bgs, 80,640 lbs, Yokohama; 4,000 bgs, 448,000 lbs, Osaka; 200 bgs, 22,400 lbs, Siamese Prince, Hongkong; 2,740 bgs, 328,180 lbs, Brimanger, Havre; (City of Derby) 50 sks, 5,500 lbs, Tientsin; 850 pkgs, 101,000 lbs, Shanghai; 40 sks, 4,520 lbs, Hongkong; 130 pkgs, Manila; 75 bgs, 11,140 lbs, Nansenville, London; 1,000 bgs, 112,000 lbs, Hamburg
GRANULAR—1,969 bgs, 220,530 lbs, Dinteldijk, Rotterdam; 990 bgs, 110,380 lbs, San Antonio, Antwerp
CATTLE HOOFS—21,360 lbs, President Coolidge, Osaka
HORNS—6,990 lbs, President Coolidge, Osaka
CLAY, FILTER—40 sx, 4,480 lbs Golden Bear, Auckland; 2,000 bgs, 99,990 lbs, Wyoming, Havre
COLOR, DRY—(Golden Bear) 600 lbs, Melbourne; 2,000 lbs, Wellington
FIRECLAY—160 bgs, 22,400 lbs, Providencia, Santa Rosalia
GASOLINE—(Cuzco) 72 dms, La Paz; 60 dms, 19,840 lbs, Tegucigalpa; 20 dms, 6,530 lbs, San Jose; 210 dms, 70,470 lbs, Sidney M Hauptman, San Juan; (Baldhill) 54,770 bbls, 14,294,970 lbs, San Juan; 14,825 bbls, 3,869,320 lbs, Mayaguez; 8,720 bbls, 2,275,920 lbs, Ponce; 500 cs, 20 dms, 46-530 lbs, Siamese Prince, Manila; 2,000 cs, 160,000 lbs, Bengalen, Cebu; 30 dms, 19,840 lbs, Providencia, Santa Rosalia
GLUCOSE—14,190 lbs, Golden Bear, Wellington
GLUE, VEG—8,000 lbs, President Coolidge, Yokohama
GUM, COPAL—2,250 lbs, Rochelie, Victoria
GYPSUM—1,120 sx, 112,000 lbs, Golden Bear, Auckland
INFUSORIAL EARTH—(Gaelic Star) 627 bgs, 62,720 lbs, Newcastle; 14 bgs, 1,120 lbs, Liverpool; 22 bgs, 2,240 lbs, Memphis City, Avonmouth; 560 bgs, 56,000 lbs, Bengalen, Calcutta; (Brimanger) 33 bgs, 3 360 lbs, Amsterdam; 66 bgs, 6,720 lbs, Antwerp; 40 bgs, 4,480 lbs, Golden Bear, Auckland; 208 bgs, 20,160 lbs, Nansenville, London; 464 bgs, 47,040 lbs, Tacoma, Antwerp
KELP MEAL—9,350 lbs, Memphis City, London
KEROSENE—500 cs, 42,500 lbs, Bengalen, Pontlanak; (Golden Bear) 10 dms, 100 cs, 12,210 lbs, Wellington; 50 dms, 17,670 lbs, Auckland
DISTILLATE—3,745 lbs, 1,856,000 lbs, Thurland Castle, Hong Kong; 2,993 bbls, 844,-630 lbs, Siamese Prince, Shanghai
ILLUMINATING—600 cs, 51,000 lbs, Bengalen, Belawan
LACQUER THINNER—(President Coolidge) 450 lbs, Shanghai; 280 lbs, Manila
MINERAL SPTS—6 dms, 2,270 lbs, Cuzco, Puntarenas
OIL, DIESEL—20 dms, 7,800 lbs, Cuzco, San Jose; 6,661 bbls, 2,078,230 lbs, Azumasan, Tsurumic; 10,173 bbls, 3,173,980 lbs, Koyei, Nagova
FUEL—76,987 bbls, 25,636,670 lbs, Ramapo, Manila; 57,000 bbls, 18,981,000 lbs, Kanawah, Coco Solo; 20 dms, 8,330 lbs, Siamese Prince, Manila; 1,671 dms, 702,300 lbs, City of Derby, Tsingtao; 4,790 bbls, 1,595,070 lbs, Rochelle, Vancouver
GAS—5,002 bbls, 1,510,600 lbs, Thurland Castle, Hongkong
LEMON—750 lbs, San Antonio, Havre
LUBRICATING—(Thurland Castle) 7 dms, 2,720 lbs, Hongkong; 50 cs, 5,000 lbs, Manila; (Cuzco) 29 dms, 14,160 lbs, Guayaquil; 9 dms, 4,270 lbs, Amapala; 25 dms, 13,190 lbs, San Jose
ORANGE, DIST—2,500 lbs, Tacoma, Hamburg
OIL, PEPPERMINT—820 lbs, Memphis City, London
PAINT, LIQ—2,250 lbs, Siamese Prince, Manila
PREPARED—7,500 lbs, President Coolidge, Manila
PETROLEUM, CRUDE—5,028 bbls, 1,598,740 lbs, Rochelie, Vancouver
POTASH, MURIATE—2,000 bgs, 440,920 lbs, President Coolidge, Yokohama
ROSIN, NEUTRAL—800 lbs, Rochelie, Vancouver
WOOD—48,440 lbs, Golden Bear, Auckland
SCOURING COMP—1,120 lbs, President Coolidge, Hongkong; 3,150 lbs, Chiriqui, Cristobal
POWDER — 560 lbs, President Coolidge, Shanghai
SOAP, POWD—9,700 lbs, Dinteldyk, Rotterdam
SODA, ASH—1,500 bgs, 330,690 lbs, Dinteldyk, Amsterdam; 20 bgs, 4,000 lbs, Chiqui, Colon; (Golden Bear) 118 bgs, 22,400 lbs, Wellington; 260 bgs, 49,280 lbs, Auckland
TALC—1,420 sks, 82,880 lbs, President Coolidge, Manila; 600 bgs, 60,000 lbs, Nansenville, Fredriksted
TOILET PREPS—14,210 lbs, President Coolidge, Manila
TURPENTINE—25 cs, 2,200 lbs, Golden Bear, Wellington
GUM—4,640 lbs, Golden Bear, Auckland
SPIRITS—5,120 lbs, Golden Bear, Wellington

New Orleans Exports

Clearance Dates

Atna, August 13; Augsburg, August 5; Austvangen, August 11; Baja California, July 10; Ida, August 3; Kota Tjandi, August 1; Lysefjord, July 15; Morazan, July 30; Sixaola, July 17; St Mary, July 23; Tivives, July 13; Vestvangen, August 1; Wawa, July 23, July 30

AMMONIA SULPHATE—3,100 sks, Lysefjord, Kingston
BLACK CARBON—17 tons, Augsburg, Melbourne; (Kota Tjandi), 10 cs, Port Swettenham; 180 sks, Batavia; 1,344 sks, Ida, Trieste
EARTH—850 sks, Sixaola, Havana
CALCIUM ARSENATE—6 tons, Tivives, Puerto Barrios
PHOSPHATE—10 bbls, Morazan, Vera Cruz
CLAY—100 sks, Sixaola, Puerto Colombia
COALTAR—5 dms, Morazan, Vera Cruz
COMPOUND, MUD—50 sks, Wawa, Alvaro Obregon
DISTILLATE—5 dms, Baja California, Bluefields
DEXTRIN—15 sks, Sixaola, Havana
FERROMANGANESE—46 tons, Morazan, Vera Cruz
FERTILIZER—10 sks, Lysefjord, Kingston
FIRECLAY—(Atna) 46 sks, Oranjestad; 25 sks, Maracaibo; 3 sks, Kota Tjandi, Pladjoe
GASOLINE—40 dms, Austvangen, Willemstad; (Baja California), 100 dms, Puerto Castilla; 27 dms, 100 cs, Bluefields; 20 dms, Wawa, Alvaro Obregon
GREASE, LUBRICATING—(Sixaola) 4 dms, Havana; 5 qtr dms, 20 pls, Panama
PETROLEUM—7 dms, Morazan, Vera Cruz
INK—1 ton, Sixaola, Havana
KEROSENE—200 cs, Austvangen, Willemstad; 120 dms, Lysefjord, Kingston; (Sixaola) 25 dms, Bocas del Toro; 75 cs, Puerto Limon; (Baja California) 100 cs, Puerto Castilla; 6 dms, 150 cs, Bluefields; 20 dms, Alvaro Obregon; (Vestvangen) 150 cs, Bridgetown; 50 cs, Moengo
LACQUER—28 dms, Morazan, Vera Cruz
LARD—60 cs, Austvangen, Port au Prince; 280 dms, 30 tins, Lysefjord, Santiago; (Sixaola) 150 dms, 150 tins, Havana; 150 tins, Panama; 100 tins, Puerto Limon; 20 tins, Tivives, Belize
LIME—10 dms, Sixaola, Puerto Armuelles
OIL, FUEL—50 dms, Baja California, Bluefields; 1,310 bbls, Vestvangen, Moengo
LUBRICATING—25 tons, Augsburg, Sydney; (Sixaola) 30 dms, 12 half dms, Havana; 10 dms, 4 cs, Panama; 12 dms, Wawa, Alvaro Obregon; 4 dms, Baja California, Bluefields; (Ida) 160 bbls, Venice; 63 bbls, Fiume; 200 dms, Istanbul; 150 dms, Piraeus
PINE—18 dms, St Mary, Tampico
PAINT—28 dms, Morazan, Vera Cruz; 4 dms, Tivives, Belize
PINETAR—8 dms, Kota Tjandi, Batavia; 2 dms, Vestvangen, Paramaribo
ROSIN—90 dms, Sixaola, Puerto Colombia
GUM—10 bbls, Sixaola, Panama; 15 dms, Kota Tjandi, Sibolga
WOOD—20 dms, Austvangen, Puerto Cabello; 30 dms, Sixaola, Puerto Limon
SOAP—131 ctns, Sixaola, Panama; 200 ctns, Baja California, Bluefields
SALT — 15 tons, Lysefjord, Belize; 22 tons, Sixaola, Cristobal; 5 tons, St Mary, Tampico; (Baja California) 8 tons, Puerto Castilla; 5 tons, Bluefields; 5 tons, Tivives, Belize
SODA, ALUMINA—4 dms, Vestvangen, Port of Spain
NITRATE—10 sx, Sixaola, Cristobal
TRIPOLI—32 tons, Augsburg, Sydney
TURPENTINE — 3 dms, Vestvangen, Paramaribo
WAX, FLOOR—5 dms, Morazan, Vera Cruz

Norfolk Exports

Clearance Dates

Anna Sofie, August 8; Black Condor, August 8; City of Havre, August 7; City of Norfolk, July 31; Lossiebank, August 7; Tai Shan, August 1

BLACK HAW ROOT BARK—9 bgs, 902 lbs, City of Norfolk, Hamburg
BONE, SCRAP—1,595 bgs, 108,200 lbs, City of Norfolk, Hamburg; 1,450 bgs, 103,700 lbs, City of Havre, Hamburg
CORN FLOUR—550 bgs, 77,925 lbs, Lossiebank, Manila
FLOUR, POW'D—110 bgs, 15,565 lbs, Lossiebank, Manila
SYRUP—60 bbls, Tai Shan, Manila
COTTON ROOT BARK—3 bls, 814 lbs, City of Norfolk, Hamburg
CULVERS ROOT—6 bls, 2,370 lbs, City of Norfolk, London
ELM BARK—15 bls, 5,520 lbs, City of Norfolk, London
LIFE ROOT PLANT—1 bl, 181 lbs, City of Norfolk, London
LOBELIA HERB—8 bls, 2,336 lbs, City of Norfolk, London
MEDICINAL PREP'S—20 pkgs, City of Havre, London
MICA GR'D—(City of Norfolk) 200 bgs, 20,000 lbs, Hamburg; 300 bgs, 33,000 lbs, Havre
PULVERIZED—50 bgs, 5,050 lbs, City of Norfolk, Hamburg; (City of Havre) 324 bgs, 32,724 lbs, London; 100 bgs, 10,100 lbs, Hamburg; 20 bgs, 2,020 lbs, Black Condor, Antwerp
POTASH CHLORIDE—4,429 bgs, Anna Sofie, Antwerp
STARCH, CORN—25 bgs, 50 cs, 6,288 lbs, Lossiebank, Manila; 660 bgs, Tai Shan, Manila
LAUNDRY—20 cs, 1,080 lbs, Lossiebank, Manila
STILLINGIA ROOT—3 bls, 1,060 lbs, City of Norfolk, London
STONE ROOT—8 bls, 1,068 lbs, City of Norfolk, London
TANNING EXTRACT, POW'D—294 bgs, 44,850 lbs, Black Condor, Antwerp; 15 bgs, 2,250 lbs, City of Havre, Hamburg
WAHOO BARK OF ROOT—11 bgs, 783 lbs, Black Condor, Rotterdam
WILD YAM ROOT—3 bgs, 270 lbs, City of Norfolk, London
WITCH HAZEL LEAVES—(City of Norfolk) 5 bls, 2,239 lbs, London; 117 bgs, 25 bls, 31,315 lbs, Havre

Philadelphia Exports

Clearance Dates

Alegrete, August 11; Bayard, August 10; Beemsterdijk, August 12; City of Flint, August 11; City of Lyons, August 13; Cubano, August 10; Dacre Castle, August 10; Estrella, August 11; Exermont, August 13; Pipestone County, August 10; Scanmail, August 10; Silverteak, August 10; Wartenfels, August 13

ACETATE, BUTYL—12 dms, City of Flint, Dublin
ETHYL—12 dms, City of Flint, Cork
ALCOHOL, BUTYL—6 dms, City of Flint, Dublin
ANTI-KNOCK COMP—3 dms, Beemsterdijk, Rotterdam
BENZOL, INDUSTRIAL—5 dms, Cubano, Rio de Janeiro
BLACK, BONE—28 bgs, Scanmail, Gothenburg
CLEANING COMP—1 bdl, 296 crtns, City of Flint, Cork; 2 cs, Exermont, Casablanca
FIBRE—2 dms, Cubano, Sao Paulo
LINOLEUM—2 bxs, Bayard, Belem
RUBBER—1 dm, Scanmail, Copenhagen; 1 pail, 4 dms, Cubano, Sao Paulo
COLOR, RUBBER—2 dms, Pipestone County, Havre
ETHYL, FLUID—12 dms, Pipestone County, Havre
GASOLINE—(Alegrete) 1,000 cs, Rio de Janeiro; 5,000 cs, Santos; 7,000 cs, Rio Grande do Sul; 5,000 cs, Paranagua; 500 cs, Sao Francisco do Sul; 300 cs, Victoria; (Bayard) 3,000 cs, Ceara; 1,000 cs, Bahia; 1,500 cs, Natal; 300 cs, Maranhao; 760 cs, Iquitos; (Wartenfels) 100 cs, Durban; 250 cs, Lourenco Marques; 2,000 cs, Beira
GLAZE—1 pail, Cubano, Sao Paulo
GREASE—3 dms, Scanmail, Copenhagen; 8 dms, Cubano, Sao Paulo
LUBRICATING—1 dm, 12 kgs, 6 pails, 3 cs, Pipestone County, Havre; 5 bbls, 2 dms, Beemsterdijk, Rotterdam; 17 dms, Estrella, Marseilles; (Alegrete) 65 pkgs, 1 cs, Rio de Janeiro; 10 dms, 93 cs, 72 bbls, 65 buckets, Santos; 3 dms, Paranagua; (Bayard) 35 bbls, 5 buckets, Pernambuco; 5 cs, Maceio; 8 cs, 1 pail, 1 keg, City of Flint, Manchester; (Wartenfels) 15 dms, 42 buckets, Durban; 5 cs, East London; 15 dms, 15 cs, Lourenco Marques
INSECTICIDE—2 bxs, Pipestone County, Havre
KEROSENE—(Bayard) 1,000 cs, Ceara, 600 cs, Iquitos
LICORICE MASS—25 cs, Scanmail, Copenhagen; 14 cs, Wartenfels, Rustenburg
LINSEED CAKE—1,574 bgs, City of Flint, Dublin
LOGWOOD EXTRACT—100 cs, Scanmail, Copenhagen
MEDICINES—23 cs, City of Lyons, Manila
MINERAL SPTS—(Alegrete) 1,200 cs, Rio de Janeiro; 3,500 cs, Santos; (Wartenfels) 5 bbls, Port Elizabeth; 30 cs, 100 bbls, Durban; 35 cs, 50 bbls, Capetown; 20 cs, 10 bbls, East London; 1,000 dms, 75 bbls, Lourenco Marques
OIL—2 dms, Scanmail, Copenhagen
BODY—15 bxs, Wartenfels, Capetown
FUEL—(Alegrete) 500 cs, Rio de Janeiro; 2,000 cs, Rio Grande do Sul; 150 dms, Wartenfels, Beira
ILLUMINATING—(Alegrete) 5,000 cs, Rio de Janeiro; 6,000 cs, Rio Grande do Sul; 1,000 cs, Paranagua; 500 cs, Sao Francisco do Sul; 2,200 cs, Victoria; (Bayard) 1,000 cs, Para; 3,000 cs, Pernambuco; 4,500 cs, Bahia; 2,500 cs, Maceio; 1,500 cs, Natal; 2,200 cs, Maranhao; (Wartenfels) 300 cs, Port Elizabeth; 1,800 cs, Durban; 1,500 cs, Capetown; 100 cs, East London; 250 cs, Lourenco Marques; 800 cs, Beira
LUBRICATING—18 pkgs, Cubano, Rio de Janeiro; (Pipestone County) 200 bbls, Havre; 70 bbls, St Nazaire; 260 bbls, Bordeaux; 393.34 tons, Silverteak, Shanghai; 18 pkgs, 5 bbls, 1 dm, 1 bx, Beemsterdyk, Rotterdam; (Scanmail) 10 pkgs, Copenhagen; 35 bbls, 55 pkgs, Gdynia; 50 dms, Stockholm; 31 pkgs, Danzig; 261 pkgs, Helsingfors; (Estrella) 538 ctns, 90 dms, 564 pkgs, Lisbon; 70 pkgs, Leixoes; 10 pkgs, Loanda; 5 pkgs, Bissao; 15 pkgs, Cabinda; 954 pkgs, Casablanca; 60 pkgs, Tangier; 38 pkgs, Ceuta; 5 pkgs, Melilla; 168 pkgs, Gibraltar; 615 bbls, 10 pkgs, Marseilles; 423 pkgs, Saigon; 60 pkgs, Halphong; 5 pkgs, Algiers; 5 pkgs, Oran; (Dacre Castle) 40 pkgs, Ceara; 178 pkgs, Pernambuco; 160 pkgs, Paranagua; 314 pkgs, Maceio; (Alegrete) 720 dms, 180 ctns, 262 cs, Rio de Janeiro; 4,140 cs, 295 dms, 290 ctns, Santos; 1,015 cs, 215 dms, 420 ctns, Rio Grande do Sul; 95 dms, 125 cs, 20 ctns, Paranagua; (Bayard) 134 dms, Pernambuco; 15 cs, 8 pkgs, Maceio; 100 cs, Maranhao; 10 cs, Ceara; (City of Flint) 87 bbls, Manchester, 30 bbls, Liverpool; (City of Lyons) 1,637 pkgs, Manila; 210 pkgs, Iloilo; 235 pkgs, Cebu; 205 pkgs, Shanghai; (Exermont) 62 ctns, 80 dms, Casablanca; 70 dms, Tangier; 54 dms, Oran; (Wartenfels) 275 dms, 20 cs, Port Elizabeth; 195 cs, 940 dms, Durban; 545 dms, 65 cs, Capetown; 575 dms, 95 cs, East London; 311 cs, 627 dms, Lourenco Marques; 85 dms, 5 cs, Beira
MINERAL—20 dms, Estrella, Marseilles
NEATSFOOT—6 bbls, Estrella, Marseilles
PAINT—1 cs, 32 pls, 5 dms, Scanmail, Copenhagen; 1 cs, 20 dms, 87 pls, Cubano, Sao Paulo
PARAFFIN—30 tons, Cubano, Argentina; 100 bgs, Silverteak, Manila; (Estrella) 100 bgs, Oporto; 508 bgs, Casablanca; (Alegrete) 51 bbls, Rio de Janeiro; 100 bbls, Santos; (City of Flint) 417 bbls, Cork; 380 bbls, Manchester; 430 bbls, Liverpool; 130 bbls, Dublin; (City of Lyons) 92 bbls, Manila; 50 bgs, Hong Kong; (Exermont) 1,524 bgs, Casablanca; 103 bgs, Ceuta
POLISH—3 pls, Cubano, Sao Paulo
SAND, FILTER—175 bgs, Estrella, Lisbon
SODA BICHROMATE—1 pl, Cubano, Sao Paulo

San Francisco Exports

Clearance Dates

Annie Johnson, July 25; Asama, July 30; Bengalen, July 30; Chiriqui, July 30; Gertrude Kellogg, July 25; Golden Hind, July 29; Golden Peak, July 27; Kingsley, July 28; Makura, July 29; Pacific Reliance, July 25; President Cleveland, July 24; Ranja, July 27; San Pedro, July 26; Santa Maria July 28; Taranger, July 28; Tweedbank, July 29; Wyoming, July 24

ACETONE — 2 dms, Tweedbank, Philippine Islands; 15 dms, Golden Hind, Shanghai
ACID, BORIC—1 keg, Makura, Papeete
MURIATIC — 1 cs, President Cleveland, Shanghai
SULPHURIC—2 crbys, Makura, Papeete
TARTARIC—11 kegs, President Cleveland, Manila
ALCOHOL—1 cs, 20 dms, Makura, Papeete
BUTYL—20 dms, Golden Hind, Shanghai
DENATURED—6 dms, 4 cs, Makura, Papeete
AMMONIA HYDROXIDE — 1 cs, President Cleveland, Shanghai
POWDERED—3 cs, Makura, Papeete
SULPHATE — 40,000 sks, Golden Peak, Manila; 15,241 sks, Bengalen, Manila-Iloilo
AMYL ACETATE—15 dms, Golden Hind, Shanghai
APRICOT KERNELS — 105 sks, Taranger, Holland
ARSENIC—1 keg, Makura, Papeete
ASPHALT — (President Cleveland) 60 dms, Hongkong; 1 cs, Kobe; 20 bbls, Manila; (Golden Peak) 5 dms, Bangkok; 2,445 bbls, Saigon; 35 bbls, Makura, Sydney; 1 dm, Chiriqui, Colon; (Bengalen) 5 dms, Rangoon; 1,513 bbls, Singapore-Port Swettenham; 6 dms, Belawan-Deli; 300 dms, Calcutta; 2,520 dms, Manila
EMULSIFIED—4,865 bbls, Tweedbank, Philippine Islands
GRITS—62 sks, Pacific Reliance, Manchester; 5 sks, Makura, Wellington
BAKING POWDER—4 cs, Makura, Papeete
BENZOL—15 dms, Golden Hind, Shanghai
BITUMEN—108 bbls, Makura, Sydney
BLACK, CARBON—1 cs, President Cleveland, Tientsin; 25 cs, Golden Peak, Yokohama; (Bengalen) 1 cs, Madras; 10 cs, Sourabaya
BOILER COMP—1 dm, Tweedbank, Philippine Islands
BORAX—2 cs, President Cleveland, Manila
BUTYL ACETATE—25 dms, Golden Hind, Shanghai
CALCIMINE—3 cs, Golden Hind, Tientsin
CANARY SEED—(President Cleveland) 10 sks, Manila; 13 cs, Shanghai
CAPSULES—8 cs, Makura, Christchurch
CEMENT, ROOF—(President Cleveland) 5 dms, 10 pls, 30 cs, Kobe; 36 cs, Manila; 1 cs, Annie Johnson, Gothenburg; 3 cs, Makura, Wellington
CHALK, PREPARED—3 cs, Bengalen, Batavia
CHEMICALS—3 cs, President Cleveland, Hongkong; (Makura) 5 cs, Auckland; 9 crts, Wellington; 1 keg, Papeete; 4 cs, Golden Hind, Manchukuo; 1 cs, Bengalen, Manila
CHLORINE BLEACH, LIQ—19 cs, Makura, Papeete; 2 cs, Asama, Hongkong
LIQUID—(Tweedbank) 45 cyls, Philippine Islands; 6 cyls, China
CLAY—2 sks, President Cleveland, Chinnampo
CLEANER, HOUSEHOLD — 3 cs, Makura, Papeete; 2 cs, Asama, Hongkong; 10 cs, Chiriqui, Puerto Armuelles
COALTAR—1 cs, Makura, Papeete
COLLODION—8 cs, Golden Hind, Shanghai
CORKS—2 bls, 1 bg, Makura, Papeete
DENTIFRICES—(President Cleveland) 20 cs, Shanghai; 17 cs, Yokohama; 3 cs, Makura, Papeete; 8 cs, Bengalen, Medan
DEODORANT — 10 cs, President Cleveland, Shanghai
DISTILLATE, PETRO—(Golden Peak) 17 dms, 1 cs, Hongkong; 25 cs, Bangkok
DRESSING, SHOE—25 cs, Tweedbank, Philippine Islands
DYEWOOD—19 cs, Bengalen, Iloilo
ENAMEL—(Makura) 3 cs, Dunedin; 5 cs, Auckland; 27 dms, Melbourne; 9 cs, Wellington
ETHYL KETONE—15 dms, Golden Hind, Shanghai
EXTRACT, LIQ—4 cs, President Cleveland, Yokohama
FILTER CLOTH—1 bl, Tweedbank, Philippine Islands
MATERIAL—5 cs, Kingsley, Victoria
FIRECLAY—15 cs, Tweedbank, Philippine Islands
FISHMEAL—204 sks, Wyoming, France
GAS, CARBONIC—3 cyls, Makura, Papeete
DICHLORIDE—1 cyl, President Cleveland, Canton
GASOLINE—75,000 bbls, Ranja, Hamburg
GINGER ROOT—92 sks, Makura, Sydney
GINSENG—1 cs, Makura, Papeete
GLUE—2 kgs, Kingsley, Vancouver; 1 crt, Makura, Wellington
DRY—3 cs, President Cleveland, Manila
GRAPHITE PASTE—1 bbl, Makura, Sydney
GREASE, CUP—1 dm, Kingsley, Vancouver; 1 cs, Makura, Papeete
LUBRICATING—(President Cleveland) 1 cs, 50 dms, Shanghai; 1 cs, 3 pls, 2 dms, Manila; 50 dms, Yokohama; 10 cs, Kobe; (Golden Peak) 1 pl, Haiphong; 1 cs, Saigon; 1 dm, 2 kgs, 3 pls, Kingsley, Vancouver; (Santa Maria) 8 dms, 5 hlf dms, 23 pls, Panama; 4 pls, Balboa; 2 cs, Makura, Papeete; 20 dms, Golden Hind, Taku Bar; (Bengalen) 5 qtr dms, Fremantle; 5 dms, Rangoon
HOPS—1 bl, 4 cs, Makura, Papeete
INK—(Makura) 1 cs, Sydney; 1 cs, Papeete
DRAWING—1 cs, Tweedbank, Philippine Islands
PRINTING—(President Cleveland) 1 cs, 2 kgs, Yokohama; 15 bbls, Hongkong; 18 pls, 6 cs, 5 hlf bbls, Manila; 2 kits, Bengalen, Medan
WRITING—(President Cleveland) 150 cs, Bangkok; 25 cs, Manila; 261 cs, Hongkong
IRON CHLORIDE—2 crbys, President Cleveland, Manila
INSECTICIDE, AGRICULTURAL, POWD—2 bbls, Kingsley, Vancouver
HOUSEHOLD — 7 cs, President Cleveland, Manila; 2 cs, Makura, Papeete; 11 cs, Bengalen, Rangoon
LIQUID—1 pkg, Kingsley, Vancouver
KELP MEAL—46 sks, President Cleveland, Hongkong
KEROSENE—25 cs, Makura, Papeete; 20 dms, Chiriqui, Puerto Armuelles
LACQUER—5 cs, President Cleveland, Manila; (Makura) 10 cs, Christchurch; 20 cs, Dunedin; 16 cs, Auckland; 21 cs, Wellington; 8 cs, Golden Hind, Shanghai
THINNER—4 dms, 8 pls, Golden Hind, Shanghai
LARD—1 cs President Cleveland, Manila; 12 cs, Makura, Papeete; 50 tins, Chiriqui, Puerto Armuelles
SUBSTITUTE—15 cs, Makura, Papeete
LEAD ARSENATE, POWD—50 cs, Makura, Hobart
PASTE, METALLIC—1 cs, Bengalen, Batavia
RED—5 dms, President Cleveland, Manila
LIGHTER FLUID—1 cs, Santa Marta, Colon
LITHARGE—11 dms, President Cleveland, Manila
LYE—1 cs Makura, Papeete
MEDICINAL PREPS—15 cs, President Cleveland, Shanghai; (Makura) 3 cs, Christchurch; 2 cs, Papeete; 3 cs, Tweedbank, Philippine Islands; 4 cs, Asama, Dairen
SOLUTION—1 cs, Makura, Sydney
VETERINARY—1 cs, President Cleveland, Manila; 51 pkgs, Kingsley, Vancouver; 2 cs, Makura, Papeete
METHYL KETONE—32 dms, Golden Peak, Yokohama; 190 dms, Golden Peak, Osaka
MILK POWDER—10 cs, Golden Peak, Saigon; 4 cs, Makura, Papeete; 150 pkgs, Tweedbank, Philippine Islands
NITROCELLULOSE SOL—1 pkg, President Cleveland, Hongkong
OAK EXTRACT—83 bbls, Asama, Kobe
OIL, CASSIA—1 cs, Kingsley, Vancouver
CITRONELLA—3 cs, Chiriqui, Colon
COTTONSEED—(President Cleveland) 50 dms, Yokohama; 50 cs, Manila; 4 cs, Makura, Papeete
CYLINDER—5 dms, Bengalen, Rangoon; 25 pls, Santa Maria, Panama; 30 dms, Wyoming, France
DIESEL — 37,500 bbls, Gertrude Kellogg, Manila; 1 cs, Golden Peak, Hongkong; 80 dms, Makura, Papeete; 30 dms, Chiriqui, Colon
ENGINE—3 dms, President Cleveland, Shanghai
FUEL—6,500 bbls, Gertrude Kellogg, Manila; 106 dms, 9,299 bbls, Makura, Papeete

OIL, INSULATING—1 cs, Bengalen, Manila
LEMON—1 cs, Kingsley, Vancouver
LINSEED—119 dms, 39 kgs, 14 cs, Makura, Papeete
LUBRICATING—(President Cleveland) Yokohama; 405 dms, Shanghai; 300 dms, Moji; 5 dms, Manila; 170 cs, Kobe; 103 bbls, 11 cs, Hongkong; 30 dms, Wyoming, France; (Golden Peak) 1 cs, 15 dms, Hongkong; 330 dms, 10 cs, Bangkok; 65 dms, Saigon; 21 pls, Santa Maria, Panama; (Makura) 230 dms, Sydney; 21 cs, 26 dms, Papeete; (Golden Hind) 35 dms, Tientsin; 20 dms, 10 cs, Taku Bar; (Chiriqui) 2 dms, Puerto Armuelles; 11 dms, Paita; 10 dms, Port au Prince; (Bengalen) 115 dms, Fremantle; 280 dms, 1 cs, Bengalen, Manila; 85 dms, Sourabaya; 500 dms, Calcutta; 1 cs, 2 dms, Sourabaya-Samarang; 130 dms, 5 cs, Rangoon; 60 dms, Iloilo; 60 dms, Batavia
LUBRICATING, LIGHT—1 cs, President Cleveland, Hongkong; (Makura) 1 cs, Perth; 1 cs, Papeete
MACE—1 cs, Kingsley, Vancouver
MINERAL, WHITE—2 dms, Kingsley, Vancouver
NUTMEG—1 cs, Kingsley, Vancouver
OLIVE—6 dms, Kingsley, Vancouver
ORANGE—1 cs, Kingsley, Vancouver
PIMENTO LEAF—1 cs, Kingsley, Vancouver
SALAD—(President Cleveland) 15 cs, Hongkong; 370 cs, Manila; 1 cs, Makura, Papeete; 3 cs, Asama, Hongkong
SOAP—23 dms, Chiriqui, Colon
SYNTHETIC—9 dms, President Cleveland, Yokohama
TRANSFORMER—22 cs, Makura, Papeete
PAINT—(President Cleveland) 10 kgs, Cagayan; 210 cs, Manila; (Golden Peak) 1 cs, Haiphong; 3 cs, Hanoi; (Makura) 1 cs, Christchurch; 14 cs, Papeete; (Bengalen) 12 dms, 1 cs, Batavia; 104 cs, 29 dms, 30 pls, Calcutta
CEMENT—9 cs, Golden Hind, Tientsin
DRIER—4 pls, Makura, Wellington
LIQUID—40 pls, 252 cs, President Cleveland, Manila; 15 cs, Golden Hind, Tientsin
PASTE—4 cs, Makura, Papeete
PREPARED—21 cs, President Cleveland, Manila; 6 kgs, 51 cs, Makura, Papeete; 23 kgs, Bengalen, Manila
REMOVER—13 cs, President Cleveland, Manila
THINNER—(Makura) 5 dms, Dunedin; 1 cs, Papeete; 10 dms, Bengalen, Singapore
PASTE—1 bbl, Makura, Wellington
ADHESIVE—15 pls, President Cleveland, Misamis
LINOLEUM—2 cans, Kingsley, Vancouver
PETROLEUM—20 cs, Golden Peak, Hongkong; 10 cs, Bengalen, Manila
CRUDE—1 cs, President Cleveland, Tokio; 79,000 bbls, San Pedro, Japan
GAS—2 cyls, Makura, Papeete
PRODUCTS—1 cs, Bengalen, Singapore
PINETAR—6 dms, President Cleveland, Manila
PITCH, WOOD—1 bbl, Makura, Papeete
POLISH, AUTO—(Bengalen) 2 cs, Calcutta; 2 cs, Medan
FURNITURE—1 cs, President Cleveland, Manila
METAL—6 cs, Kingsley, Vancouver; 2 cs, Makura, Papeete; (Golden Hind) 30 cs, Shanghai; 60 pkgs, Dairen
SHOE—1 cs, Makura, Papeete; 12 cs, Bengalen, Manila
SILVER—(President Cleveland) 1 cs, Manila; 1 cs, Hongkong; 1 cs, Golden Hind, Dairen; 2 cs, Asama, Hongkong
POLISHING MATERIAL—(Makura) 1 cs, Auckland; 1 cs, Wellington
ETHYL XANTHATE—6 dms, Chiriqui, Arica
FERRICYANIDE—1 cs, President Cleveland, Shanghai
PUTTY—(Makura) 3 cs, Dunadin; 2 pls, Auckland
RESIN—2 dms, Kingsley, Victoria; 3 dms, Makura, Wellington
SYNTHETIC—5 bbls, Makura, Wellington
SALT—13 cs, President Cleveland, Manila; 1,071 tons, Kingsley, Vancouver; 20 cs, Bengalen, Batavia; 6 blks, 42 bls, 299 sks, Makura, Papeete
IODIZED—1,200 pkgs, Makura, Wellington; 400 pkgs, Makura, Sydney
PHOSPHATE—400 pkgs, Makura, Sydney
SULPHURIZED—1,000 pkgs, Makura, Sydney
SAND—600 sks, Kingsley, Victoria
SHELLAC—2 cs, Makura, Papette
SOAP—2 cs, President Cleveland, Bangkok; 10 cs, Makura, Papeete
CHIP—1 cs, Makura, Papeete
FLAKE—2 cs, President Cleveland, Manila; 2 cs, Asama, Hongkong
POWDER—3 cs, Chiriqui, Puerto Armuelles
SCOURING—1 cs, Makura, Papeete; 4 cs, Chiriqui, Puerto Armuelles
SOAP, TOILET—6 cs, President Cleveland, Yokohama; 7 cs, Makura, Papeete; 150 cs, Bengalen, Manila
VETERINARY—1 cs, Kingsley, Vancouver
SODA—(President Cleveland) 2 cs, Tientsin; 5 bbls, Shanghai; 30 cs, Hongkong; 10 cs, Makura, Sydney
ASH—1 bbl, 3 sks, Makura, Papeete
BAKING—1 cs, Makura, Papeete
BICARBONATE—1 keg, 1 bbl, Makura, Papeete
CAUSTIC—14 dms, Makura, Papeete; 5 dms, Chiriqui, Colon
SAL—4 sks, Makura, Papeete
SOLVENT, PAINT—70 dms, Bengalen, Rangoon
PETROLEUM—(Golden Hind) 1 cs, Yokohama; 25 dms, Shanghai
SULPHUR—260 sks, 3 bbls, Kingsley, Vancouver
DIOXIDE—1 cyl, Tweedbank, Philippine Islands
GROUND—300 sks, Makura, Sydney; 90 sks, Bengalen, Batavia
TALLOW—25 dms, Chiriqui, Panama City
TANBARK—40 sks, Kingsley, Vancouver
TOILET PREPS—(President Cleveland) 3 cs, Yokohama; 11 cs, Manila; 1 cs, Kingsley, Victoria; (Makura) 1 cs, Auckland; 3 cs, Papeete; (Bengalen) 800 pkgs, Manila; 1 cs, Singapore
TOLUOL—2 cs, Kingsley, Vancouver
URANIUM ACETATE—1 cs, President Cleveland, Shanghai
VANILLA BEANS—2 cs, Kingsley, Vancouver
EXTRACT—1 cs, President Cleveland, Shanghai; 3 cs, Wyoming, Curacao; 1 cs, Bengalen, Belawan-Deli
VARNISH—7 cs, Makura, Papeete
REMOVER—2 cs, Makura, Dunedin
WASHING COMP—8 cs, Makura, Papeete
WELDING COMP—1 cs, Makura, Lae
YEAST—(President Cleveland) 120 cs, Yokohama; 40 cs, Kobe; 8 cs, Shanghai; 1 cs, Chiriqui, Puerto Armuelles
ZINC DUST—25 cs, Chiriqui, Ciudad Bolivar; 50 pls, Bengalen, Manila
SULPHATE—1 cs, President Cleveland, Manila

Savannah Exports
Clearance Dates

Ada O., August 4; Kota Tjandi, August 6; Schoharie, August 12; Silverash, August 5; Steel Navigator, August 8.

CLAY—1,320 bgs, Schoharie, Manchester; 7,280 bgs, Ada O, Batoum
OIL, PINE—10 dms, Kota Tjandi, Sourabaya
ROSIN, GUM—(Schoharie) 250 bbls, Liverpool; 105 bbls, Manchester; 228 bbls, Hamburg; 45 bbls, Dublin; 275 bbls, Aberdeen; 425 bbls, Steel Navigator, Shanghai; (Kota Tjandi) 5 bbls, Singkawang; 200 bbls, Batavia; 200 bbls, Cheribon; 700 bbls, Samarang; 400 bbls, Sourabaya; (Silverash) 540 bbls, Durban; 188 bbls, Capetown; 15 bbls, Lourenco Marques; (Ada O.) 1,659 bbls, Genoa; 220 bbls, Venice
WOOD—(Kota Tjandi) 50 dms, Belawan Deli; 10 dms, Olehleh; 30 dms, Singapore; 750 dms, Batavia; 75 dms, Padang; 200 dms, Cheribon; 200 dms, Samarang; 400 dms, Sourabaya; 30 dms, Macassar; 15 dms, Mendo; 10 dms, Samarinda; 60 dms, Ada O., Genoa; 150 bbls, Steel Navigator, Shanghai
TURPENTINE, GUM—(Silverash) 100 dms, 35 cs, Capetown; 300 cs, East London; 1 dm, 50 cs, Durban; (Ada O) 391 dms, Genoa; 23 dms, Naples; (Schoharie) 350 bbls, Liverrool; 60 bbls, Manchester; 300 bbls, Hamburg

Tampa Exports
Clearance Dates

Bockenheim, August 4; Elg, August 4; Frankfurt, August 6; Griesheim, August 10; Jobshaven, August 3; Panaghis, August 4

PHOSPHATE—7,360 tons, Panaghis, Galatz; 1,500 tons, Elg, New Westminster; 4,494 tons, Bookenheim, Hamburg; (Frankfurt) 2,098 tons, Hamburg; 1,263 tons, Bremen; 6,881 tons, Griesheim, Rotterdam; 1,572 tons, Jobshaven, Rotterdam

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—1,296 bbls, Henry M Dawes, Miami
PETROLEUM, CRUDE—97,021 bbls, Dannedaike, Texas City; 52,033 bbls, Henry M. Dawes, Miami; 27,430 bbls, Alabama, Port Arthur; 71,652 bbls, Washington, Port Arthur; 105,342 bbls, Wm G Warden, Baytown; 55,741 bbls, Alpha, Baytown; 72,928 bbls, Bidwell, Baytown; 113,333 bbls, Walter Jennings, Baytown

Galveston Coast Trade

SULPHUR—(Point Gorda) 500 tons, Port Angeles; 600 tons, Tacoma; 1,000 tons, Hoquiam

Los Angeles Coast Trade

GASOLINE—68,000 bbls, Lebec, Portland; 5,396 bbls, S & C No 2, San Diego; 74,163 bbls, Utacarbon, Oleum; 44,475 bbls, Warwick, Oleum; 10,811 bbls, Tejon, Portland; 31,417 bbls, Kekoskee, San Francisco; 3,849 bbls, S & C No 41, San Diego; 74,784 bbls, Mojave, Oakland; 53,828 bbls, Arizona, Portland; 5,516 bbls, S & C No 2, San Diego; 118,943 bbls, Socony Vacuum, New York; 78,000 bbls, Hagan, Sewaren
KEROSENE—5,800 bbls, Lebec, Portland; 1,804 bbls, Arizona, Portland
OIL, DIESEL—742 bbls, S & C No 41, San Diego; 1,987 bbls, Point San Pedro, Seattle
FUEL—7,700 bbls, Lebec, Portland; 38,199 bbls, Tejon, Portland; 49,532 bbls, Torres, San Francisco; 63,684 bbls, Eagle, Seattle; 8,947 bbls, Mojave, Oakland
PETROLEUM, CRUDE—73,876 bbls, Cathwood, Oleum, 77,250 bbls, Montebello, Oleum

New Orleans Coast Trade

OIL, OLIVE—200 cs, Pawnee, Tampa

San Francisco Coast Trade

ACID, BORIC—24 tons, West Notus, Baltimore
21 tons, Kansan, New York
TARTARIC—183 pkgs, President Pierce, New York
103 pkgs, President Pierce, Boston
ANISE—75 cs, Santa Elena, New York
APRICOT KERNELS—10 tons, Missourian, New York
48 tons, Kansan, New York
ASPHALT—85 dms, Ernest H Meyer, Astoria
400 bls, Ernest H Meyer, Willbridge
BONE MEAL—2,000 sks, Point San Pablo, Seattle
BRISTLES—262 cs, West Notus, Baltimore
CASEIN—18 tons, Missourian, Philadelphia
CASSIA BARK—145 sks, Santa Elena, New York
CHARCOAL—23 tons, Walter A Luckenbach, Philadelphia
CEMENT, MAGNESIA—15 dms, Point Caleta, Houston
RUBBER—20 cs, Ohioan, Portland, Ore
CHLORINE BLEACH, LIQUID—6,000 cs, Point Caleta, New Orleans
144 tons, Edgar F Luckenbach, New Orleans
LIQUID—600 cs, Willhilo, Savannah
CLEANING COMPOUND—10 pls, President Pierce, New York
190 tons, West Notus, Albany
COCONUT, DESIC—5,098 cs, Santa Elena, New York
3,646 cs, President Pierce, New York
625 cs, President Pierce, Boston
136 cs, President Pierce, Los Angeles
152 cs, Missourian, Boston
50 cs, Walter A Luckenbach, New York
231 cs, Walter A Luckenbach, Philadelphia
610 cs, Edgar F Luckenbach, New Orleans
640 cs, Edgar F Luckenbach, Houston
70 cs, Edgar F Luckenbach, Mobile
343 cs, President Coolidge, Los Angeles
DISINFECTANT—1 dm, President Pierce, Los Angeles
16 cs, Oregonian, Seattle
EPSOM SALT—300 sks, J L Luckenbach, Portland, Ore
EGG YOLK, DRIED—224 cs, Walter A Luckenbach, New York
FERTILIZER—1,000 sks, Wapama, Los Angeles
FIG PASTE—6 tons, Kansan, Charleston
FLAVORING POWDER—5 bbls, Walter A Luckenbach, Philadelphia
SYRUP—43 cs, Oregonian, Seattle
3 cs, Oregonian, Tacoma
FLY SPRAY—1 cs, Oregonian, Tacoma
GAS—200 cyls, Silverado, Seattle
200 cyls, West Shipper, Portland, Ore
400 cyls, Point San Pablo, Seattle
GLUE, DRY—23 tons, Missourian, Philadelphia
20 tons, West Notus, Norfolk
GREASE, LUBRIC—3 kgs, 5 kits, 3 cs, Ohioan, Portland, Ore
GUM COPAL—640 sks, Santa Elena, New York
529 pkgs, President Pierce, New York
200 sks, Missourian, New York
DAMMAR—15 tons, Kansan, Port Newark
HAIR PREPS—2 cs, Oregonian, Seattle
HEMPSEED—808 pkgs, Walter A Luckenbach, Philadelphia
HONEY—63 tons, Kansan, New York
HYDROGEN PEROXIDE—30 cs, Oregonian, Tacoma
INSECTICIDE—20 cs, 2 dms, Ohioan, Portland, Ore
36 cs, Oregonian, Seattle
LACQUER—11 cs, 1 dm, Oregonian, Seattle
LACTOGEN—2 cs, Oregonian, Seattle
LARD, VEGETABLE—499 cs, Walter A Luckenbach, New York
4,600 cs, Edgar F Luckenbach, New Orleans-Houston
LEAD—400 kegs, Silverado, Seattle
LIME—1,200 sks, American Eagle, Portland, Ore
MAGNESITE—83 tons, Walter A Luckenbach, New York
15 tons, Carriso, Seattle
MEDICINAL PREPS—15 cs, Ohioan, Portland, Ore
MILK POWDER—17 tons, Kansan, Boston
200 bbls, Point Caleta, Houston
56 tons, Walter A Luckenbach, Boston
18 tons, Willhilo, Savannah
NAPHTHALENE BALLS—2 cs, Oregonian, Seattle
OIL—115 pkgs, 500 cs, Ernest H Meyer, Astoria
1,500 pkgs, Ernest H Meyer, Willbridge
500 pkgs, Silverado, Seattle
10 cs, Oregonian, Seattle
10 cs, Oregonian, Tacoma
500 pkgs, West Shipper, Long View
500 pkgs, Point San Pablo, Seattle
125 tons, Wapama, Los Angeles
CHINAWOOD—124 dms, Walter A Luckenbach, Philadelphia
185 dms, Edgar F Luckenbach, New Orleans
100 dms, Edgar F Luckenbach, Houston
COCONUT—35 bbls, J L Luckenbach, Seattle
COTTONSEED—3 dms, Cello, Los Angeles
LUBRICATING—284 cs, 57 dms, Ohioan, Portland, Ore
34 tons, Missourian, New York
15 tons, Kansan, Port Newark
PERILLA—347 dms, President Pierce, New York
91 tons, Missourian, New York
60 tons, Missourian, Philadelphia
VEGETABLE—300 dms, Wapama, Los Angeles
OLEOMARGARIN—612 cs, J L Luckenbach, Portland, Ore
PAINT—6 cs, 1 dm, 3 pls, Ohioan, Portland, Ore
34 cs, Oregonian, Seattle
DRY, EARTH—1 bbl, Ohioan, Portland, Ore
PRUNE CONCENTRATE—23 tons, Missourian, Port Newark
18 tons, Willhilo, Baltimore
ROSIN—45 bbls, 5 kits, Oregonian, Seattle
SALT—1,500 pkgs, Ernest H Meyer, Astoria
4,200 pkgs, Ernest H Meyer, Portland, Ore
1,200 pkgs, Silverado, Tacoma
1,500 pkgs, Silverado, Seattle
3,000 pkgs, West Shipper, Portland, Ore
1,045 tons, Point San Pablo, Tacoma
6,200 pkgs, Point San Pablo, Seattle
500 pkgs, Point San Pablo, Olympia
1,000 sks, Admiral Laws, Seattle
3,00 pkgs, American Eagle, Portland, Ore
SESAME SEED—780 cs, Walter A Luckenbach, New York
SOAP—49 cs, Oregonian, Seattle
1,200 cs, Point San Pablo, Seattle
SODA ASH—1,500 sks, Ernest H Meyer, Portland, Ore
SILICATE—40 dms, S L Luckenbach, Seattle
700 sks, Point San Pablo, Tacoma
SUNFLOWER SEED—24 tons, Walter A Luckenbach, New York
SURGICAL DRESSINGS—5 cs, Oregonian, Seattle
TANKAGE—2,000 sks, Wapama, Los Angeles
TOILET PREPS—5 cs, Oregonian, Seattle
WAX—480 bls, Point San Pablo, Seattle
1,200 bls, American Eagle, Portland, Ore
WHEY, DRIED—10 tons, Edgar F Luckenbach, Houston
ZINC HYDROSULPHITE—200 dms, President Pierce, New York

Cargo Ship Arrivals
August 15 to August 28
New York

Aakre	Leghorn*	Aug 17
American Banker	London*	Aug 17
American Farmer	London*	Aug 24
American Importer	Liverpool*	Aug 24
American Legion	Buenos Aires*	Aug 26
Ancon	Cristobal*	Aug 17
Andrea F Luckenbach	Seattle*	Aug 26
Angol	Santos*	Aug 20
Asosan	Singapore*	Aug 28
Atlantic	Zanzibar*	Aug 25
Basil	Putoya*	Aug 16
Benedict	Para*	Aug 20
Benholm	Pageumene*	Aug 14
Bilderdijk	Rotterdam	Aug 18
Black Falcon	Antwerp*	Aug 16
Black Hawk	Antwerp*	Aug 23
Black Heron	Antwerp*	Aug 24
Borinquen	Trujillo*	Aug 17
Bronte	Santos	Aug 23
Brosund	Soderhamn*	Aug 25
Caclque	Guayaquil*	Aug 19
Calamares	Santa Marta*	Aug 26
Canadian Britisher	Melbourne*	Aug 21
Canadian Cruiser	Melbourne*	Aug 27
Caracas	Maracaibo*	Aug 24
Cauto	Tampico*	Aug 23
Champlain	Havre*	Aug 21
Cingalese Prince	Manila*	Aug 26
City of Canberra	Wyhalia*	Aug 17
City of Elwood	Iloilo*	Aug 24
City of Salisbury	Calcutta*	Aug 15
City of Worcester	Calcutta*	Aug 24
Clara	Trieste*	Aug 18
Cliffwood	Gdynia*	Aug 21
Columbian	Portland*	Aug 25
Dakotan	Seattle*	Aug 22
Dorothy Cahill	Aberdeen*	Aug 18
Drottningholm	Gothenburg	Aug 24
Dunstan	Para*	Aug 14
Eldsvold	Kobe*	Aug 23
Elizabeth Kellogg	Manila	Aug 25
Elswick Park	Huelva	Aug 20
Erfurt	Buenos Aires*	Aug 17
Etna	Gothenburg*	Aug 23
Europa	Bremen*	Aug 27
Everhope	Hull	Aug 25
Excambion	Beirut*	Aug 19
Exmoor	Constanza*	Aug 24
Flora	Maracaibo*	Aug 17
Forbes Hauptman	Portland*	Aug 14
Fort Townshend	St Pierre*	Aug 20
Foylebank	Shanghai*	Aug 23
Frost	Ilheos	Aug 25
Gen'l M H. Sherman	Kuhului*	Aug 22
Georgie	Southampton*	Aug 28
Giulia	Trieste*	Aug 18
Guayaquil	Cristobal	Aug 24
Gripsholm	Gothenburg	Aug 27
Haiti	Cristobal*	Aug 17
Hamburg	Hamburg*	Aug 21
Hansa	Hamburg*	Aug 28
Hellen	Buenos Aires*	Aug 15
Helen Whittier	Honolulu*	Aug 26
Herman F Whitot	Tacoma*	Aug 28
Independence Hall	Bordeaux*	Aug 20
Iossifoglu	Rotterdam	Aug 14
Jean Jadot	Antwerp	Aug 25
Kansas	[illegible]	Aug 18
Kinai	[illegible]	Aug 25
King Idwal	Buenos Aires*	Aug 28
Laconia	Liverpool*	Aug 24
Lafayette	Havre*	Aug 27
Lancaster	Astoria*	Aug 17
Lara	Curacao*	Aug 17
Lehigh	Glasgow*	Aug 21
London Corporation	Antwerp*	Aug 16
Luna	Maracaibo*	Aug 24
Mandu	Santos*	Aug 19
Massmar	Astoria*	Aug 17
McKeesport	Hamburg	Aug 27
Missourian	Tacoma*	Aug 15
Mobile City	Honolulu*	Aug 17
Montreal City	Bristol*	Aug 25
Munargo	Havana*	Aug 20
Musa	Puerto Barrios*	Aug 20
Navemar	Genoa*	Aug 17
Nerissa	Trinidad*	Aug 24
New Brunswick	Dakar*	Aug 25
New Columbia	Lagos*	Aug 25
Nojima	Hongkong*	Aug 27
Nordlys	London*	Aug 27
Onondaga	Portland	Aug 23
Oranje Nassau	La Guayra*	Aug 24
Oregon	Aberdeen*	Aug 21
Oriente	Havana	Aug 15
Orizaba	Vera Cruz*	Aug 18
Orotava	Guayaquil*	Aug 17
Padnsay	Matadi*	Aug 15
Panuco	Tampico*	Aug 16
Pastores	Cristobal*	Aug 24
Paul Luckenbach	Seattle*	Aug 20
Pennsylvania	San Francisco*	Aug 17
Pennsylvania	Portland*	Aug 22
Penrith Castle	San Carlos*	Aug 25
Ponce	San Juan*	Aug 25
Portmar	Portland*	Aug 28
President Adams	Manila*	Aug 25
President Roosevelt	Hamburg*	Aug 28
Prince Rupert City	Philippines*	Aug 18
Queen Mary	Southampton*	Aug 24
Quirigua	Port Limon*	Aug 23
Roma	Naples*	Aug 27
St Louis	Hamburg*	Aug 26
Salabangka	Batavia*	Aug 27
San Anselmo	Portland*	Aug 16
San Juan	San Juan	Aug 18
Santa Lucia	San Antonio*	Aug 25
Santa Paula	San Francisco*	Aug 25
Seatrain Havana	New Orleans*	Aug 18
Seatrain New York	New Orleans*	Aug 25
Siboney	Vera Cruz*	Aug 25
Sidney M Hauptman	Seattle*	Aug 25
Skagern	Shields	Aug 22
Steel Scientist	Sourabaya*	Aug 27
Steel Seafarer	Sourabaya*	Aug 26
Svaneholm	Gothenburg*	Aug 28
Talisse	Batavia*	Aug 24
Tonsbergfjord	Marseilles*	Aug 17
Transylvania	Glasgow*	Aug 24
Triono	Ilheos*	Aug 28
Tungsilia	Oslo*	Aug 22
Ulua	Santa Marta*	Aug 19
Veragua	Port Limon*	Aug 16
Virginian	Seattle*	Aug 27
Walter A Luckenbach	Seattle*	Aug 15
West Humhaw	Freetown*	Aug 15
West Notus	Portland*	Aug 22
Western Prince	Buenos Aires*	Aug 19

* And other ports

Recent Charters

PETROLEUM——tons, S S Garonne, clean, California, United Kingdom, Continent, 21s; July-August
—— tons, Nina Bros, clean, California, Vladivostok; September; private terms
—— tons, Grena, clean, California, United Kingdom, Continent, 21s; August
—— tons, S S Sir Osborn Holmden, dirty, California, Japan, 12s 9d; September

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customer regulations included the following articles for the reasons stated:—

New York
Week Ended August 19

Chlorophyl, technical, 3 cases; restricted use.
Cinchona bark, 8 bales; not U.S.P.
Cumin seed, 80 bags; filthy.
Sodium phosphate, 95 kegs; not U.S.P.

Buffalo
Week Ended August 19

Medicinal preparations, 3 cases; false therapeutic claims.

Los Angeles
Week Ended August 13

Sesame seed, 360 bags; filthy.
Medicinal preparations, 25 tubs; false therapeutic claims.
Insecticide, 5 cases; misbranded as to ingredient statement.

Philadelphia
Week Ended August 19

Codliver oil, 150 drums; not U.S.P.
Codliver oil, poultry, 60 barrels; misbranded as to vitamin content; restricted use.
Codliver oil, poultry, 50 barrels; restricted use.

San Francisco
Two Weeks Ended August 13

Sesame seed, 2,396 bags; filthy.
Medicinal preparations, 2,000 bottle and 360 pieces; false therapeutic claims.

Gasoline, Oil Freights Changed

The Interstate Commerce Commission has authorized establishment of a rate of 14 cents per 100 pounds on gasoline, petroleum refined oil, fuel oil, distillate, not suitable for illuminating purposes, and refined oil distillates in tank-car loads, from Alton, East St. Louis, Roxana, South Wood River, and Wood River, Ill., and St. Louis, Mo., to Champaign and Urbana, Ill., and maintenance of higher rates to intermediate points.

Bids Wanted

Aluminum Powder:—Supplies of, for East and West coast yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8611, opening August 25.

Ammonia:—Supplies of; Quartermaster, U. S. Army, Fort Myer, Virginia; procurement 5, opening September 4.

Anilin:—5,400 pounds; Chemical Warfare Service, Edgewood Arsenal, Maryland; procurement 20, opening September 11.

Asphalt Emulsion:—229,000 gallons; State Procurement Office, Harrisburg, Pa.; procurement 15-4475, opening August 26.

Asphalt Seal:—720 tons; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement RA-379, opening August 26.

Aviation Gasoline, Navy:—Supplies of, for East coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8595, opening August 25.

Bituminous Material:—19,080 gallons; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement RA-379, opening August 26.

Calcium Hypochlorite:—1,000 pounds, high test; Chemical Warfare Service, Edgewood Arsenal, Maryland; procurement 20, opening September 11.

Carbon Tetrachloride:—1,400 pounds; Chemical Warfare Service, Edgewood Arsenal, Maryland; procurement 20, opening September 11.

Chlorine:—6,000 pounds, liquid; Purchasing and Contracting Officer, Langley Field, Va.; procurement 12, opening August 25.
1,500 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Virginia; circular 6, opening August 26.

Codeine Sulphate:—250 bottles; Procurement Division, Veterans Administration, Washington; procurement 82, opening August 25.

Drugs:—Supplies of for Savannah; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 5522-SP, opening August 27.
Supplies of for Perry Point and Chicago; Procurement Division, Veterans Administration, Washington; procurement 91, opening August 28.

Drugs and Chemicals:—156 items; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 10, opening September 8.

Fuel Oil, Bunker:—Supplies of; U. S. Engineer Office, First District, 39 Whitehall street, this city; procurement 30, opening August 26.

Fuel Oil, Bunker C, Navy:—Supplies of, for East coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8568, opening August 25.

Fuel Oil, Navy:—150,000 barrels; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8580, opening August 25.
Supplies of, for Cavite-Manila; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8581, opening September 1.

Gasoline:—24,000 gallons; U. S. Engineer Office, P. O. box 97, Memphis, Tenn.; procurement 56, opening August 28.
Emergency deliveries; Quartermaster, Fort Oglethorpe, Georgia; procurement 7, opening August 25.

Hydrochloric Acid:—Supplies of; Procurement Division, Veterans Administration, Washington; procurement 338, opening August 25.

Lime:—200 tons, hydrated, for Berwyn, Maryland; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement RA-392, opening August 27.

Lubricating Oil:—Emergency deliveries; Quartermaster, Fort Oglethorpe Georgia; procurement 7, opening August 25.
Supplies of for various deliveries; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; procurement 93, opening September 8.

Lye:—31,014 cans; Quartermaster Supply Officer, Eighth Corps Area, General Depot, Fort Sam Houston, Tex.; procurement 23, opening September 8.

Metal Primer:—500 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; procurement 96, opening September 11.

Motor Fuel V:—Supplies of, for East coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8596, opening August 25.

Paint:—198 gallons; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 596-S, opening August 27.
200 gallons interior enamel; Quartermaster, Chanute Field, Rantoul, Ill.; procurement 7, opening September 1.

Paint, Oil:—300 gallons; Quartermaster, Chanute Field, Rantoul, Ill.; procurement 7, opening September 1.

Paint Thinner:—216 gallons; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 596-S, opening August 27.

Red Lead:—500 pounds, dry; Nansemond Ordnance Depot, Portsmouth, Va.; procurement 10, opening August 31.

Scouring Powder:—Supplies of; Quartermaster, U. S. Army, Fort Myer; Virginia; procurement 5, opening September 4.
Supplies of; Purchasing and Contracting Officer, Fort George G. Meade, Maryland; procurement 12, opening August 25.
Supplies of; Purchasing and Contracting Officer, Fort Benning, Ga.; procurement 7, opening August 25.

Shoe Polish:—Supplies of; Quartermaster Supply Officer, U. S. Army, Fort Mason, San Francisco; procurement 48, opening August 28.

Soap:—Supplies of; Quartermaster, U. S. Army, Fort Myer, Virginia; procurement 5, opening September 4.
Supplies of; Quartermaster Supply Officer, U. S. Army, Fort Mason, San Francisco; procurement 48, opening August 25.
Supplies of; Purchasing and Contracting Officer, Fort George G. Meade, Maryland; procurement 12, opening August 25.

Soap, Automobile:—7,200 pounds for Washington; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 581-S, opening August 27.

Soap, Laundry:—12,544 pounds for Washington; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 592-S, opening August 27.

Soap Securing Compound:—100,000 pounds; Purchasing Agent, Post Office Department, Washington; procurement 756, opening August 28.

Soap, Toilet:—14,000 pounds for Washington; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 599-S, opening August 27.
18,195 bars; Quartermaster Supply Officer, Eighth Corps Area, General Depot, Fort Sam Houston, Tex.; procurement 23, opening September 8.

Starch:—Supplies of; Quartermaster Supply Officer, U. S. Army, Fort Mason, San Francisco; procurement 48, opening August 25.

Stove Polish:—12,000 cakes; Quartermaster Supply Officer, Eighth Corps Area, General Depot, Fort Sam Houston, Tex.; procurement 23, opening September 8.

Sulphuric Acid:—Supplies of; Procurement Division, Veterans Administration, Washington; procurement 338, opening August 25.

Superphosphate:—150 tons; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 699, opening August 25.

Tar:—10,600 gallons cold application ST-2 refined; State Procurement Officer, Manchester, N. H.; procurement 161, opening August 26.
2,000 gallons, refined; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement RA-379, opening August 26.

Tooth Powder:—Supplies of; Purchasing and Contracting Officer, Fort George G. Meade, Maryland; procurement 12, opening August 25.

Turpentine:—5,650 gallons for Washington; Procurement Division, Bureau of Supply, Federal Warehouse, Treasury Department, Washington; procurement 570-S, opening August 25.

Washing Powder:—Supplies of; Purchasing and Contracting Officer, Fort Benning, Ga.; procurement 7, opening August 25.
Supplies of; Purchasing and Contracting Officer, Fort George G. Meade, Maryland; procurement 12, opening August 25.

Contracts Awarded

Alumina Sulphate:—50,000 pounds; award to the American Cyanamid & Chemical Corporation, at 1.37 cents a pound, by the Commanding Officer, Rock Island Arsenal, Illinois; procurement 7, opened July 28.
60,000 pounds; award to the Taylor Salt & Chemical Company, $942, by the Quartermaster, Fort Monroe, Va.; procurement 1, opened July 17.
20,000 pounds; award to Charles Lennig & Co., at 1.59 cents, by the Quartermaster, Fort Belvoir, Va.; circular 2, opened July 17.

Cancelling Ink, Black:—3,300 pounds; awarded to Chas. Enu Johnson & Co., at 28 cents and 29 cents a pound, by the Post Office Department, Washington; procurement 88, opened April 27.

Candles:—4,110 pounds, stearic acid and paraffin; award to the Emery Industries, Cincinnati, at 8.89 cents a pound, by the Quartermaster Depot, Jeffersonville, Ind.; circular 14, August 10.

Caustic Soda:—70,000 cans; award to the Buckeye Soda Company, at 4.6055 cents, by the Quartermaster Depot, Jeffersonville, Ind.; circular 13, opened August 7.

Chlorosulphonic Acid-Sulphurtrioxide Solution:—75,000 pounds; award to the Merrimac Chemical Company, at 6.12 cents a pound, by the Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 107, opened July 16.

Cresol Compound:—200 gallons solution; award to the Crystal Soap & Chemical Company, Philadelphia, at $1.09 per gallon, by the Quartermaster, Fort Barrancas, Florida; procurement 133, opened July 10.

Creosote, Wood Preservative:—60 barrels; award to the Lewis Tar Products Company, $453.75, by the Bureau of Reclamation, Denver; procurement A-8586-B, opened July 17.

Dibutylphthalate:—13,350 pounds; award to the U. S. Industrial Alcohol Sales Company, at 16.6 cents a pound, by the Commanding Officer, Picatinny Arsenal, New Jersey; circular 454, opened July 10.

Dinitrotoluene:—26,700 pounds; award to E. I. du Pont de Nemours & Co., at 14.5 cents a pound, by the Commanding Officer, Picatinny Arsenal, New Jersey; circular 453, opened July 10.

Kerosene:—2,800 gallons; award to the Pure Oil Company, at 7.25 cents a gallon, by the Commanding Officer, Watervliet Arsenal, New York; procurement 4, opened July 13.

Lithopone Paint:—600 gallons; award to the Sherwin-Williams Company, at 95 cents a gallon, by the Commanding Officer, Watervliet Arsenal, New York; procurement 95, opened June 29.

Metal Polish, Liquid:—4,000 gallons; award to the Charles Chemical Company, at 28 cents a gallon, by the Post Office Department, Washington; procurement 306, opened July 3.

Nitrocellulose:—210,000 pounds; award to the Hercules Powder Company, at 27 cents a pound, by the Commanding Officer, Picatinny Arsenal, New Jersey; circular 439, opened June 30.

Pyroxylin Primer:—300 gallons; award to Titanine, Inc., at $1.105 a gallon, by the Chemical Warfare Service, for Charleston, S. C.; circular 3, opened July 13.

Soap Chip:—5,400 pounds; award to Armour & Co., at 6.5 cents a pound, by the Post Office Department, Washington; procurement 511, opened July 30.

Soap, Grit:—10,000 cakes; award to the Hunnewell Soap Company, at 1.9 cents a cake, by the Quartermaster Depot, Jeffersonville, Ind.; circular 13, opened August 7.
19,374 cakes; award to the Hunnewell Soap Company, Cincinnati, at 1.9 cents a cake, by the Quartermaster Depot, Jeffersonville, Ind.; circular 14, opened August 10.

Soap, Laundry:—150,000 pounds; award to the Procter & Gamble Distributing Company, at 3.19 cents a pound, by the Quartermaster Depot, Jeffersonville, Ind.; circular 13, opened August 7.
235,860 pounds; award to the Procter & Gamble Distributing Company, Cincinnati, at 3.19 cents a pound, by the Quartermaster Depot, Jeffersonville, Ind., circular 14, August 10.

Soda Thiosulphate:—35,250 pounds for various deliveries; award to Charles Lenning & Co., Philadelphia, at from 2.96 cents to 3.67 cents a pound, by the Quartermaster Depot, Jefferson, Ind.; circular 19, opened August 12.

Sulphuric Acid:—130,000 pounds; award to the General Chemical Company, this city, at 86 cents a pound, by the Commanding Officer, Picatinny Arsenal, New Jersey, procurement 399, opened June 5.

Trinitrotoluene:—1,800,000 pounds; award to E. I. du Pont de Nemours & Co., by the Commanding Officer, Picatinny Arsenal, New Jersey, at 16.11 cents a pound; circular 419, opened June 22.

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Anesthetic:—"Benzocaine," distributed by the Seydel Chemical Company, describes this oil soluble local anesthetic, non-toxic, non-irritant, non-narcotic, and outlines its wide number of applications for the alleviation of pain and irritation. **(425)**

Calcium Arsenate:—"Grasselli Calcium Arsenate to Control the Cotton Boll Weevil, the Cotton Leaf Worm and the Cotton Boll Worm," issued by the Grasselli Chemical Company, describes this product as a white powder of high arsenical content, produced by properly combining calcium and arsenate. It is an active poison, having a volume of between 80 and 100 cubic inches per pound, and is of suitable fluffiness necessary for effective dusting. It has a high killing power, running not less than 40 percent arsenic oxide, and containing not more than 0.45 percent water soluble arsenic. **(426)**

Carbonates:—"Barium Carbonate," issued by the Barium Reduction Corporation, is a twenty-four page booklet, with a complete line of charts, showing why and how barium carbonate is used in the prevention of scum and efflorescence on brick and other clay products. **(427)**

Chemicals:—"Chemicals, Oils, Pigments," published by Wishnick-Tumpeer, Inc., is a 136-page booklet, describing the various products of the company, their characteristics, applications, properties and packaging. The booklet is divided into six sections—carbon blacks, colors, white pigments, fillers, chemicals, and pioneer products. **(428)**

Colors:—"Dryad Colors," issued by P. R. Dreyer, Inc., is a price list issued by the company for many of its products, including certified food colors, technical colors for perfumery, cosmetics, soaps, theatre sprays, paradichlorobenzene, naphthalene, and the like. **(429)**

Emulsificants:—"Trigamine," distributed by the Glyco Products Company, describes this new emulsifying base just introduced by the organization. Claims for it are that it is practically colorless, pleasant of odor, has low alkalinity, does not color with age, and may be used to replace triethanolamine in most cases. It is somewhat more viscous than triethanolamine and is completely soluble in water, glycols, glycerin and 50 percent alcohol. It is immiscible with organic solvents and is non-hygroscopic at high humidities and non-volatile up to 100° C. **(430)**

Equipment:—"Goetze Gaskets," published by the Goetze Gasket & Packing Company, is a forty-eight page catalogue of the company's metallic and semi-metallic gaskets, sheet and stuffing-box packings, sealing compounds, gasket cutting tools, valve discs, filter screens and metal stampings. **(431)**

Equipment:—"New and Improved Developments in Oil Testing, Electrical, and Laboratory Apparatus," issued by the Emil Greiner Company, describes the various equipment put out by the company. **(432)**

Equipment:—"Bulletin 151," published by the Precision Scientific Company, covers the company's complete line of Kjeldahl equipment for digestions and distillations of the type used for nitrogen and protein determinations. **(433)**

Fertilizers:—"Calcium Nitrate," distributed by Wilson & Geo. Meyer & Co., describes the advantages of this product of the company to the owners of orchards and fields and how the various applicators should be used. **(434)**

Filtering:—"Filtering Varnish with Hyflo Super-Cel," distributed by the Johns-Manville Company, describes this product as composed of especially processed silica which has no chemical effect upon varnish under any conditions whatever. It is totally insoluble in the varnish and its action is purely mechanical; it keeps the gums and other solids away from the filter cloth or paper, thus preventing the gums from penetrating the cloth or paper, or clogging the flow of the liquid. **(435)**

Flotation:—"Flotation A. B. C.," published by the Great Western Electro-Chemical Company, is a simple outline of the rudiments of flotation practice including brief references to the history of the process, to the metallurgical and mechanical principles involved and to the uses of "Bear Brand" flotation reagents manufactured by the company. **(436)**

Lacquer Bases:—"Even a Tank Car Order Starts Out as a Thimble-Full," is the title of a folder issued by the R. B. H. Lacquer Base Company, which offers to send to lacquer manufacturers, without charge, a laboratory wall kit containing one dozen half-pint samples of R. B. H. bases. The materials in the containers represent straight line approaches to the solution of frequently met difficulties in formulations. The company suggests that new formulas be started with an R.B.H. base, which works perfectly with any vehicle chosen. Accompanying the offer of the wall kit is a card by which the manufacturer may order six one-gallon cans of any of nine materials named, to be paid for, if satisfactory, on the basis of the five-gallon pail prices. **(437)**

Packaging:—"Consider the Egg," is the title of a small folder issued by the Bemis Bro. Bag Company, which calls attention to the fact that nature provided the hen with a three-ply container for her product—the outside, a moisture-proof shell; the inside layer, a membrane, and next to the membrane an albuminous adhesive cementing these two together—and that the Bemis waterproof bag is a three-ply container—the outside layer of cotton or burlap; the inside layer a flexible all-way stretch kraft paper, and these layers cemented together with a moisture-resistant binder. **(438)**

Packaging:—"Merry Christmas," is the title of a highly colored folder issued by the Hinde & Dauch Paper Company, featuring special corrugated shipping boxes designed for the holiday trade, all emphasizing the Christmas thought. The folder calls attention to the fact that it is wise and necessary to plan the holiday merchandising months ahead. **(439)**

Pest Control:—"The Guide Post to Better Gardens," is the title of a small booklet issued by the General Chemical Company to make pest and disease protection in the garden more simple and more efficient, and shows how the scientific control of insect pests and plant diseases is accomplished with well tried materials. **(440)**

Potash:—"The Story of American Potash and Chemical Corporation," published by this organization, is a readable history of the development of its plant at Trona on Searles Lake, California, for the manufacture by the Trona process of potash, borax, soda carbonate, soda sulphate, and other products in large quantities. **(441)**

Pulverizers:—"Mikro-Pulverizer," issued by the Pulverizing Machinery Company, is a thirty-two page, fully illustrated booklet, describing this pulverizer as a "simplified and highly efficient pulverizer, dustless in operation, capable of producing the finest grinds without the use of bolting, screening or separating devices, fans and collectors." It is being used in a great variety of industries, including wet milling; test-grinding and research; colors, dyestuffs, and pigments; chemicals and pharmaceuticals; food products; clay, lime, minerals and metals; plastics, resins, gums; cosmetics; soap and soap powders, and insecticides. **(442)**

Pyrethrum:—"Pyrethrum Flowers and the Perfected Concentrated Extract Pyrefume," issued by S. B. Penick & Co., is a thirty-two page booklet describing various products manufactured by this company, including "Pyrefume," a perfected pyrethrum concentrate, with their characteristics, formulas and dilution tables for their uses. **(443)**

Printing ink imports into Cuba in 1935 had a total value of $103,957, and comprised 248,689 kilos of typographic inks and 28,723 kilos of lithographic inks. The United States was the chief source of supply.

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

WESTERN CANADA, SHANAHAN'S LIMITED, IMPORT MERCHANTS AND DISTRIBUTORS, OFFER TO MANUFACTURERS INTERESTED IN DEVELOPING BUSINESS IN WESTERN CANADA A COMPLETE SALES ORGANIZATION. WE OPERATE OUR OWN DEEP SEA DOCK AND WAREHOUSES. WRITE BOX 27, VANCOUVER, CANADA.

Agents Wanted

COMPLETE LINE of liquid filling machinery for manufacturers' agents now selling cans, bottles, etc. BOX 577, Oil, Paint and Drug Reporter.

MANUFACTURER of paints and varnishes, located in east, modern plant and laboratory, producing shelf-goods, industrial and specialized finishes, wishes connection with jobbers or selling agencies desiring goods on a cost-plus basis. BOX 592, Oil, Paint and Drug Reporter.

Equipment Offered

SPRECKLES $10,000,000 Liquidation—6 No. 4 Vallez filters; fifteen Shriver c.i. filter presses, 32" x 32" side feed, open delivery, each equipped with 50 chambers; fifty bronze basket centrifugal machines, batteries of three, four, six and eight, 40" baskets; one Swenson triple effect evaporator, 2,000 square feet per effect, copper tubes; one Hersey rotary hot air dryer 3' x 10'; four Oats vacuum pans, 10' to 16'; 150 motors, ½ H.P. to 150 H.P., 3 phase, 60 cycle, 220 volts; complete laboratory and library; 9,000 horsepower boilers, 250 H.P. to 500 H.P., complete with stokers; fifteen Elwell-Parker 4,000 lb. electric industrial trucks; thirty elevators; four pneumatic packing machines for one to five pound cartons; 100 centrifugal and vacuum pumps, motor, steam and belt drives; ten miscellaneous sized air condensers; 3,000 tons pipe, valves and fittings, 2" x 24"; three 75 kw.d.c. generators, engine driven. The above only partial list. Send for 32-page catalog, also send us full list of your requirements. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, New York. Telephone Yonkers 2400.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 555, Oil, Paint and Drug Reporter.

FOR SALE—650-gal. square inconel tank, polished inside; twelve used copper varnish kettles and trucks, one steel kettle and truck, cooper and aluminum jacketed kettles. Mandoni Bros., 260 Custer avenue, Jersey City, N. J.

Equipment Offered

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms Harvey Equipment Co., 123 Bleecker street, Spring 7-8955.

RICE 5-color printing machine, 36-inch face, GE variable speed motor, type BTA; Ross 3-roller color mill; 55 copper rolls, 5-in. by 32-in. W. bore. Address P. O. Box 207, Port Chester, N. Y.

FOR SALE—Ross pony mixer, four change cans; Olsen & Tilgner rapid mixer with two 125 gallon tanks; 12x30 water cooled roller mill with ten HP. motor and chain drive, starting compensator; all first class condition. H. CLARK, Apt. 77, 536 W. 111th street, New York City.

Factories Offered

FOR SALE in desirable shipping district at Chicago, a well developed plant suitable for chemical manufacture and other line. Buildings with power wiring, tank storage, switch track, spray pond, etc. Good labor supply. Land area 85,000 sq. ft. Adjoining vacant available if desired. J. H. Van Vlissingen & Co., 120 S. La Salle street, Chicago.

MODERN FACTORY—One story, 60x180, concrete floor, railroad siding, live steam available. Unrestricted district, Long Island City. The R. L. Kraft Company, Woolworth Building. Cort. 7-9377.

Materials Offered

ENAMELINER—A novel, unique and valuable product. Gives thickest paint coating on steel ever attained. Remarkable resistance to moisture, chemicals, and hot water. Dries in 30 seconds. Nonexplosive vapor. Black, glossy, imperishable. Sole Mfrs. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, and 15 Moore street, New York.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write. Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 553, Oil, Paint and Drug Reporter.

Positions Vacant

ALERT TECHNICIAN wanted with four or more years practical experience formulating industrial finishes including alkyd and phenol synthetics. Must be capable of formulating, producing on a laboratory scale and preparing panel displays of finishing system without constant supervision. Pittsburgh location. BOX 581, Oil, Paint and Drug Reporter.

THOROUGHLY EXPERIENCED man in the production of sulphonated oils and textile compounds wanted immediately. BOX 585, Oil, Paint and Drug Reporter.

CHEMIST—Experienced in oleo resinous and synthetic coatings for industrial requirements, wanted by well-established eastern manufacturer. Our men know of this ad. BOX 591, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL MANUFACTURER with 25 years' experience in U. S. and Canada. Can furnish formulae and processes for the manufacture of the entire medical and veterinary line. Qualified by experience to direct sales, purchases and production. For further particulars write BOX 579, Oil, Paint and Drug Reporter.

TECHNICAL EXPERT, familiar with research and development aspects of rayon, synthetic resins, coating compositions, wetting agents and fine organic chemicals, desires position in charge of sales-service and investigational work. Age 35, Ph.D., plus 12 years' industrial experience. BOX 588, Oil, Paint and Drug Reporter.

GENERAL ASSISTANT for a paint, varnish and enamel manufacturer, all around experience in sales, finance and factory operations, possessing executive ability and also good at all details, nominal compensation. BOX 590, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL-MECHANICAL engineer capable of operating unit for the production of lactic acid by fermentation of carbohydrates. Complete control of culture tubs; batch proportioning; battery of fermenters; decomposing lactate into acid; treatment for removal color, impurities, filtration procedures; evaporation and packing of the acid. Familiar with design, mechanical maintenance modern plant for producing 22-44% technical, 50% edible, 85% distilled U.S.P. grades, calcium and sodium lactates. BOX 587, Oil, Paint and Drug Reporter.

SUCCESSFUL SALESMAN, executive ability, thoroughly experienced in paints and varnishes, seeks new connection with progressive manufacturer; excellent references. BOX 593, Oil, Paint and Drug Reporter.

PAINT and varnish salesman who has made and sold successfully. BOX 594, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, skilled in analysis and making of medicinal products. BOX 595, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST with experience in textile research and silk weighting. BOX 596, Oil, Paint and Drug Reporter.

SALESMAN, thoroughly experienced, chemically trained, has successfully sold candy, flavor, baking, drug and manufacturing chemists industries through New England, New York, Pennsylvania and southern territories. Owns car and has excellent references. BOX 556, Oil, Paint and Drug Reporter.

CHEMIST—37, fifteen years practical paint, varnish and waterproofing experience; expert formulation, shelf goods, industrials; efficient factory management; understands metropolitan area competition. BOX 597, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES.—Cash or any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—60 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ¼" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 wurm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E., 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
8—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
American Cyanamid Co.	6 mos.	$1,708,003	$0.68	$1,493,680	$0.59
Anaconda Copper Mining Co.	6 mos.	5,827,425	.67	5,214,883	.60
Armstrong Cork Co.	6 mos.	1,676,400	1.38	1,523,296	1.26
Colgate-Palmolive-Peet Co.	6 mos.	370,198	.19	1,924,810	.61
Columbian Carbon Co.	6 mos.	1,843,305	3.43	1,502,492	2.79
Consolidated Oil Corp.	6 mos.	7,029,374	.49	.....	...
Cook Paint & Varnish Co.	6 mos.	276,719	16.58	.....	...
Crown Cork & Seal Co.	6 mos.	1,036,352	2.19	735,170	1.40
Ducktown Chemical & Iron Co.	6 mos.	43,222	...	.....	...
Hancock Oil Co. (Cal.)	Yr. 6-30	412,256	1.89	258,685	1.19
International Nickel Co. (Can.)	6 mos.	17,456,974	1.13	10,338,242	.64
Life Savers Corp.	6 mos.	426,180	1.22	414,922	1.19
Loudon Packing Co.	Yr. 6-30	188,368	.52	.....	...
Masonite Corp.	44 wks.	1,034,718	3.58	.....	...
North Central Texas Oil Co.	6 mos.	27,896	.14	23,633	.09
Pennsylvania Glass Sand Co.	6 mos.	188,302	.31	229,346	.45
Phillips Petroleum Co.	4 mos.	4,261,380	1.03	.....	...
Rubinstein (Helena) Co.	1935	56,494	...	.....	...
Republic Petroleum Co.	6 mos.	88,444	.27	*10,373	...
Standard Oil Co. (Ind.)	6 mos.	2,015,537	1.45	13,191,166	.87
Standard Oil Co. (Kans.)	6 mos.	129,753	.89	15,311	.10
Thermoid Co.	6 mos.	136,583	.11	106,725	...
Union Tank Car Co.	6 mos.	821,706	.70	607,454	.52

* Decrease.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing give the number of the item:—

Acids, boric, oxalic, nitric, citric, and salicylic.—Agency, Manila, P. I. (1350).

Alcohols:—Purchase, Caracas, Venezuela (1375).

Borax.—Agency, Manila, P. I. (1350).

Calomel.—Agency, Manila, P. I. (1350).

Chemicals:—Purchase, Caracas, Venezuela (1375).

Chemicals and chemical specialties:—Agency, Paris, France (1372).

Cosmetics, and other toilet preparations.—Agency, Guatemala City, Guatemala (1337).

Drugs, medicines, cosmetics, perfumes, and toilet preparations:—Agency, Auckland, New Zealand (1400).

Drugs and chemicals:—Agency, Caracas, Venezuela (1367).

Glass manufacturing machinery for making plate and window glass.—Agency, Brussels, Belgium (1357).

Insecticides:—Purchase, Caracas, Venezuela (1375).

Iodoform.—Agency, Manila, P. I. (1350).

Iron oxide.—Agency, Manila, P. I. (1350).

Lubricating oils and greases, Pennsylvania.—Purchase and agency, Callao, Peru (1326).

Medicinals and industrial chemicals.—Agency, Montevideo, Uruguay (1362).

Oils, coconut, palm and fish for soap making:—Agency, Lima, Peru (1355).

Oil, peanut:—Purchase, Petit Metis, Quebec, Canada (1373).

Oil, soybean.—Agency, Santiago, Cuba (1324).

Oil-expelling machinery for coconut oil making:—Purchase, Kobe, Japan (1334).

Pharmaceutical preparations:—Purchase, Caracas, Venezuela (1375).

Photographic chemicals:—Agency, Auckland, New Zealand (1400).

Pyridin.—Agency, Manila, P. I. (1350).

Soda bicarbonate.—Agency, Manila, P. I. (1350).

Soda peroxide.—Agency, Manila, P. I. (1350).

Turpentine:—Agency, Casablanca, Morocco (1368).

Turpentine.—Purchase, Budapest, Hungary (1319).

Vegetable dyes:—Purchase, Caracas, Venezuela (1375).

Waterproofing materials for roofs, walls and building foundations:—Agency, Mexico City, Mexico (1351).

Union Tank Car Income Up

The Union Tank Car Company reports for the first six months of 1936 net income of $821,706, after depreciation, Federal taxes, and other charges, equivalent to 70 cents a share on 1,172,753 no-par shares of capital stock, excluding 27,247 shares held by the company. This compares with $607,454 or 52 cents a share on 1,162,544 shares in the first half of 1935.

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